#### Contract No. GS35F4155D

(Unclassified)

#### PHASE II REPORT

USAF LOGISTICS PROCESS
OPTIMIZATION STUDY
for the
Aircraft Asset Sustainment Process

AFLMA Project LM9731101

Volume II of III

## **ACC To Be Model**

Prepared for:

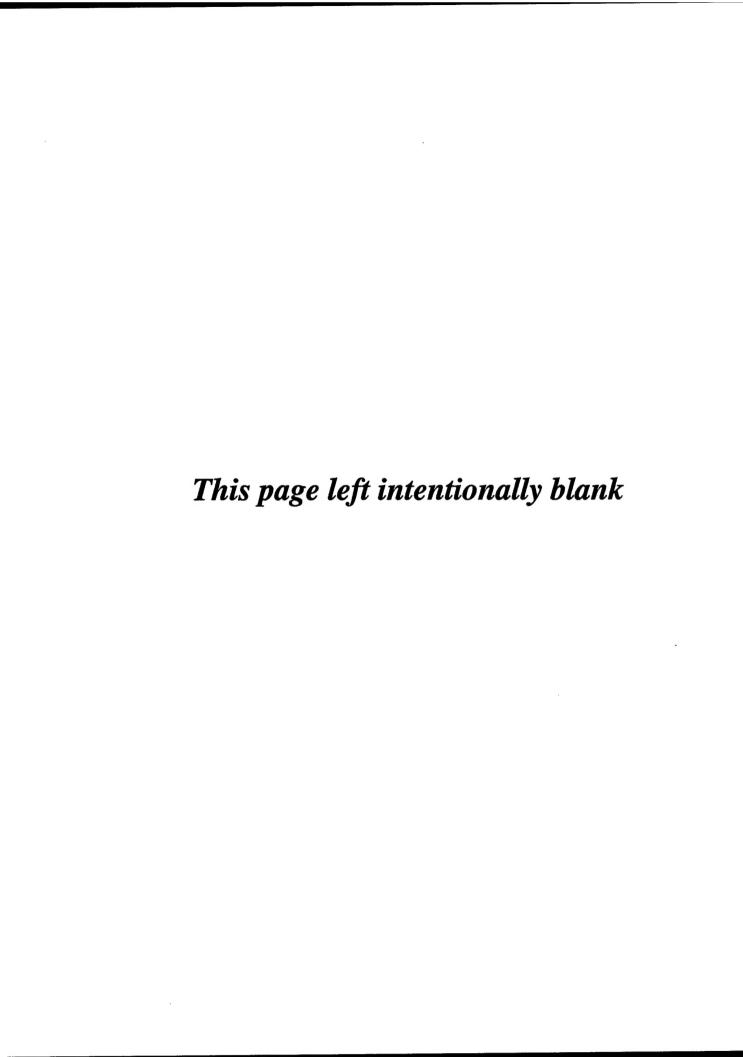
AFLMA 501 Ward Street Maxwell AFB, Gunter Annex, AL 36114-3236

Prepared by:

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31 December 1998



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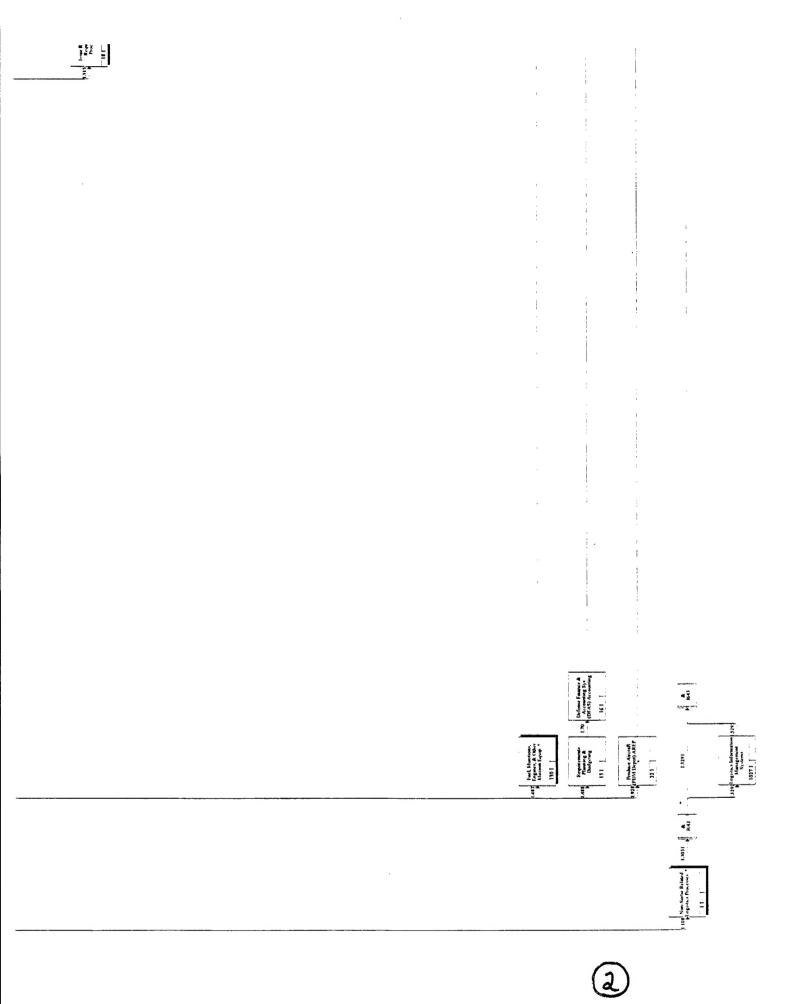
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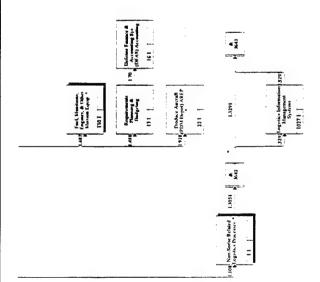
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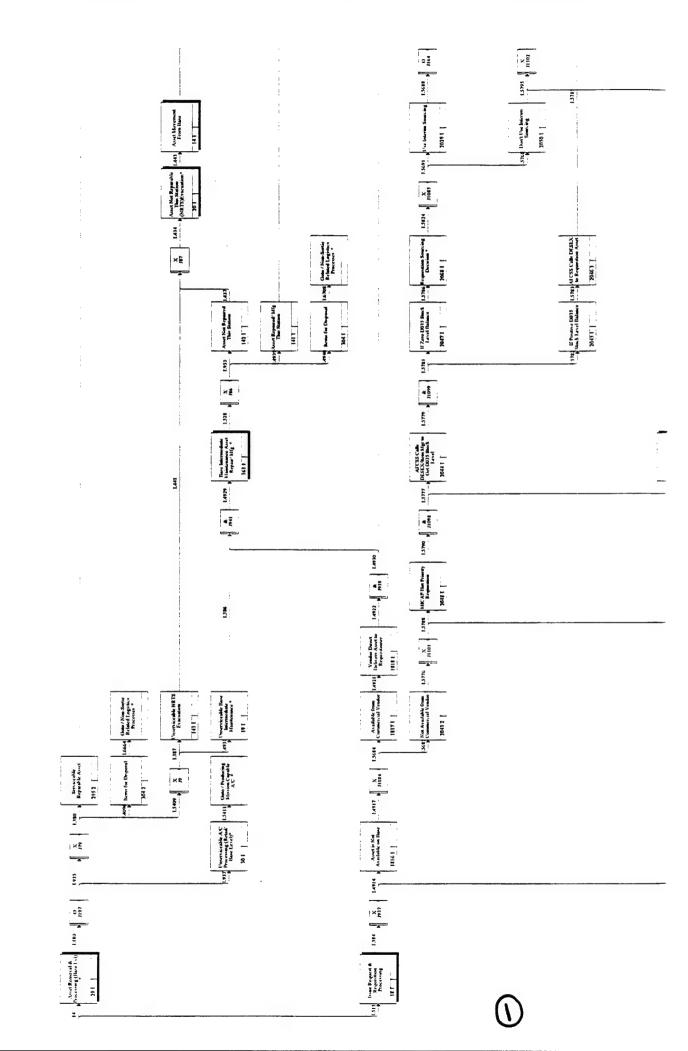
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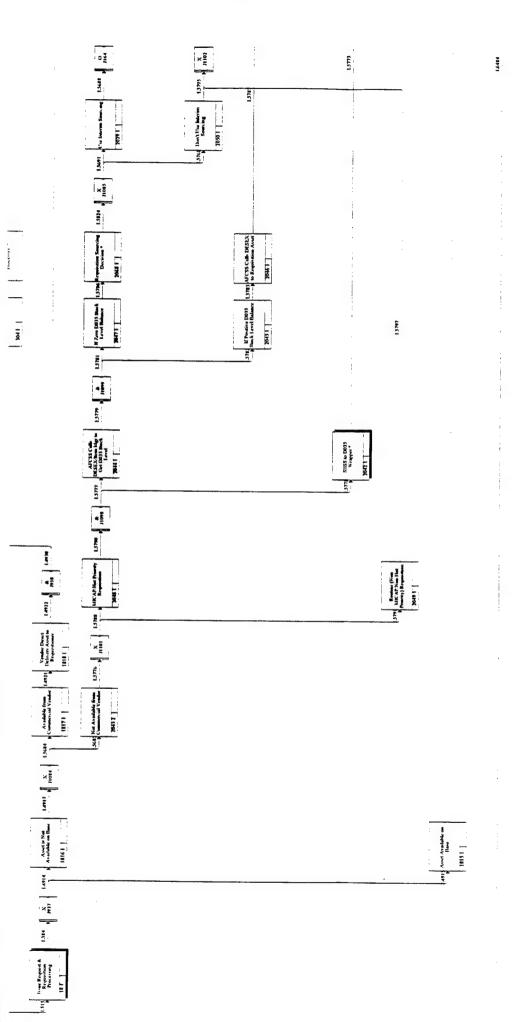
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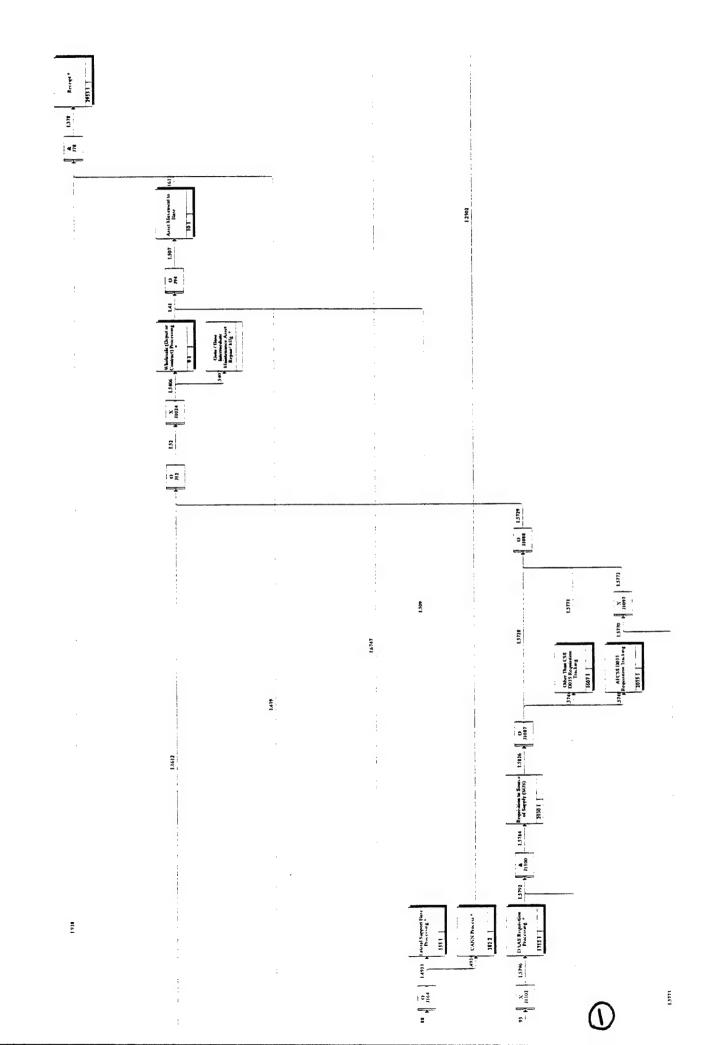
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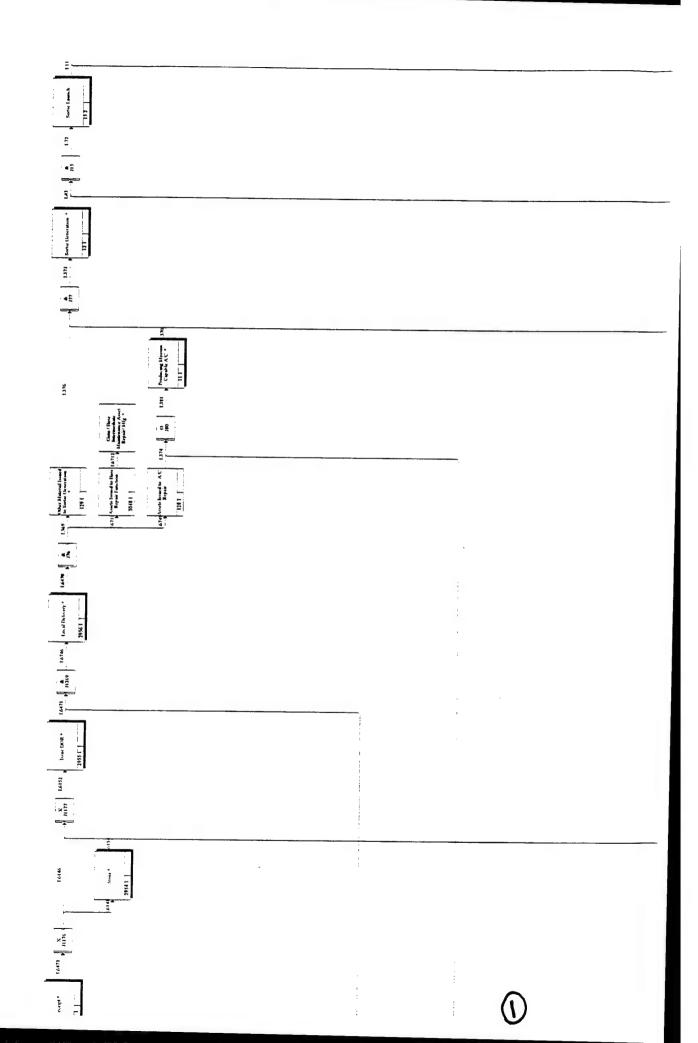
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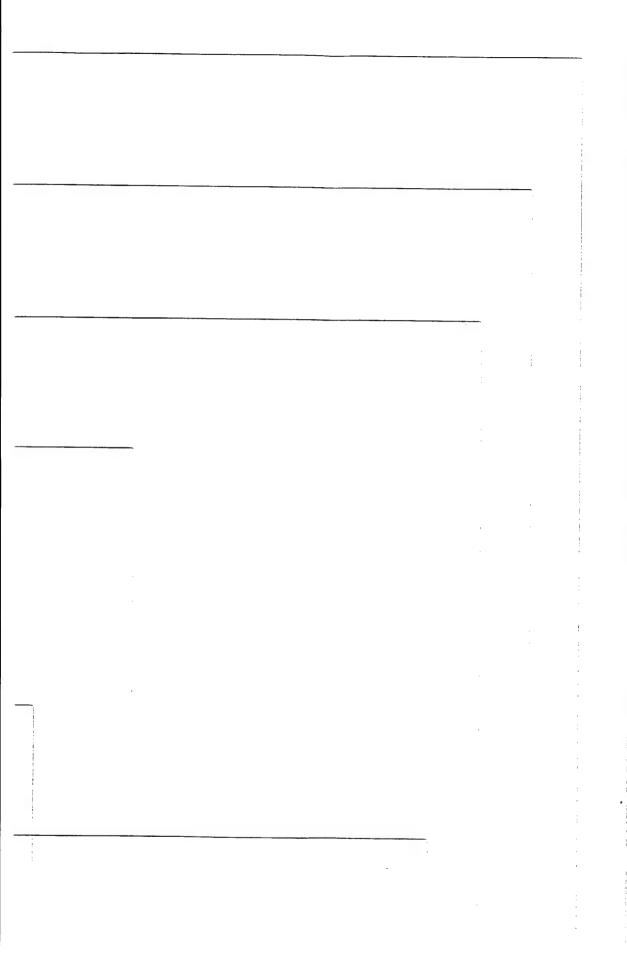
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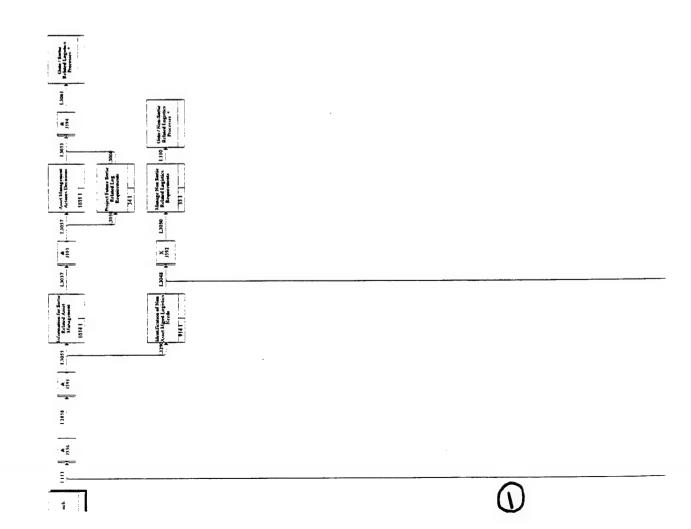
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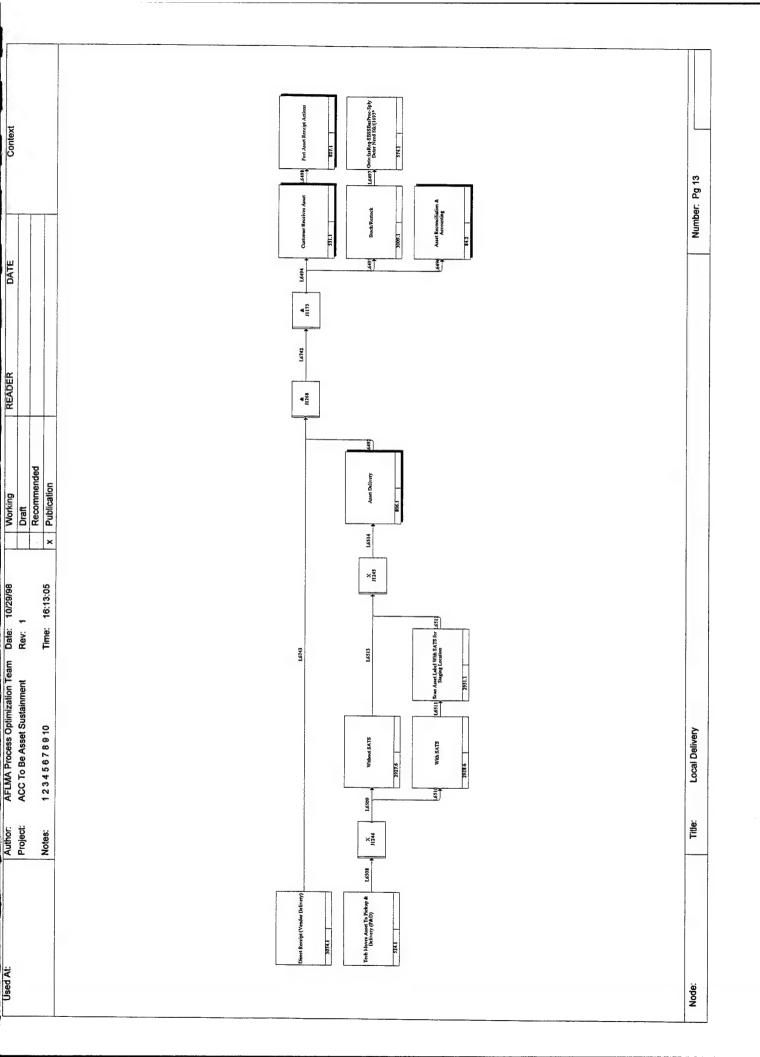


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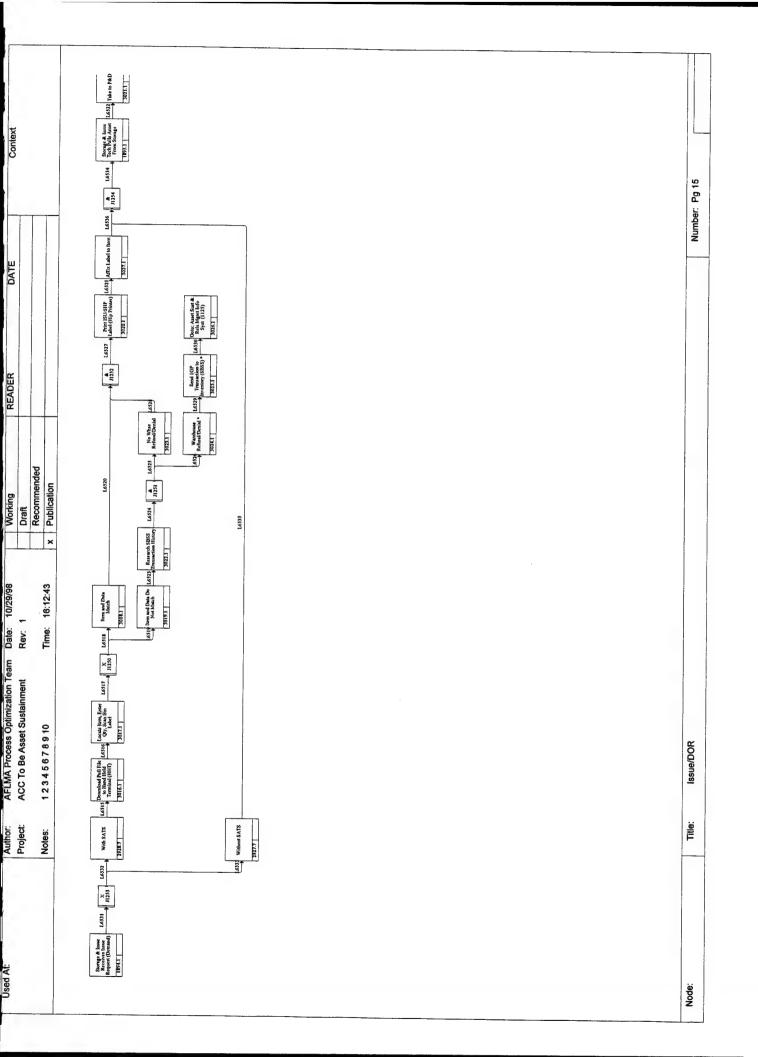


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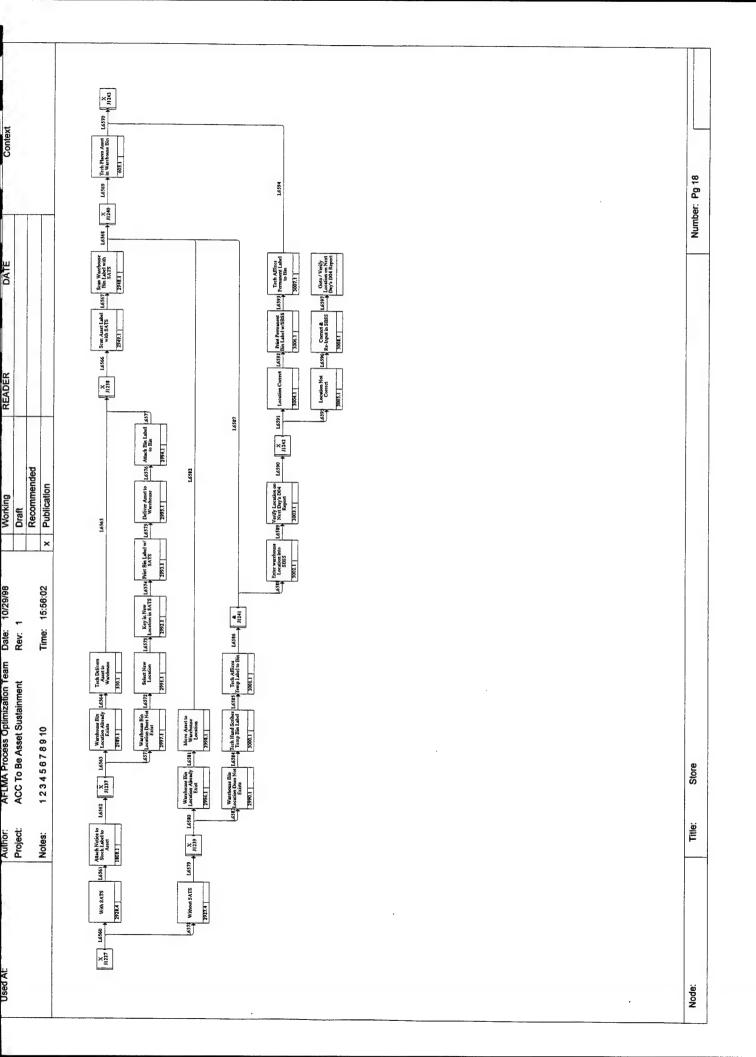


Process Flow Decomp: Issue/DOR



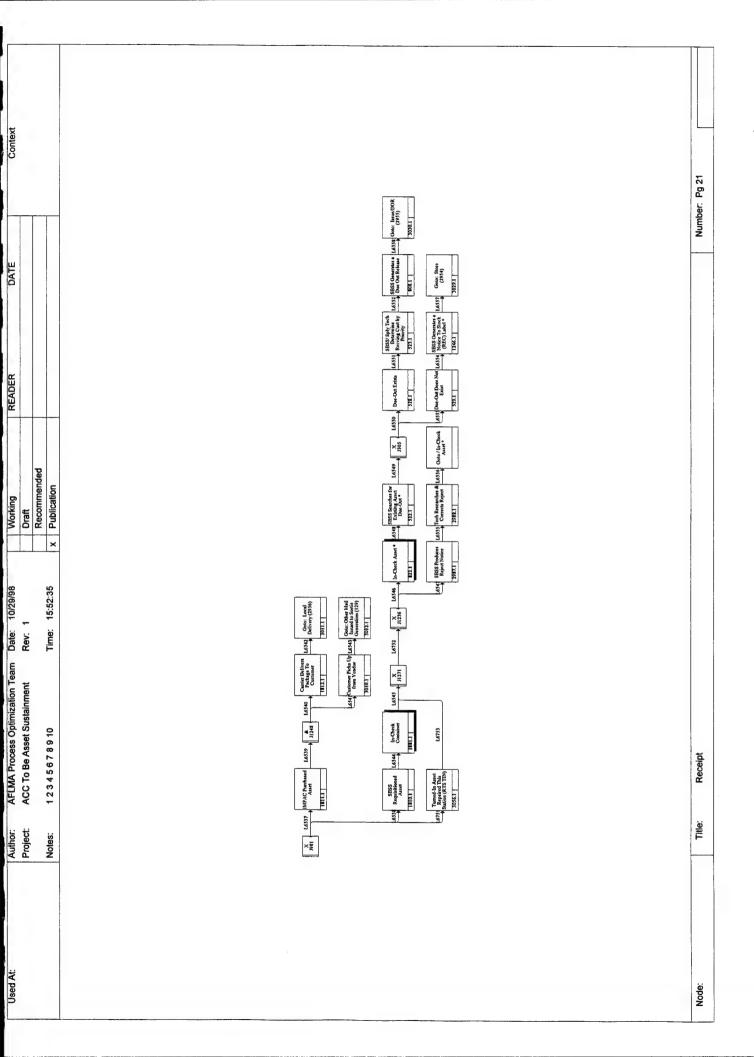
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Process Flow Decomp: Store

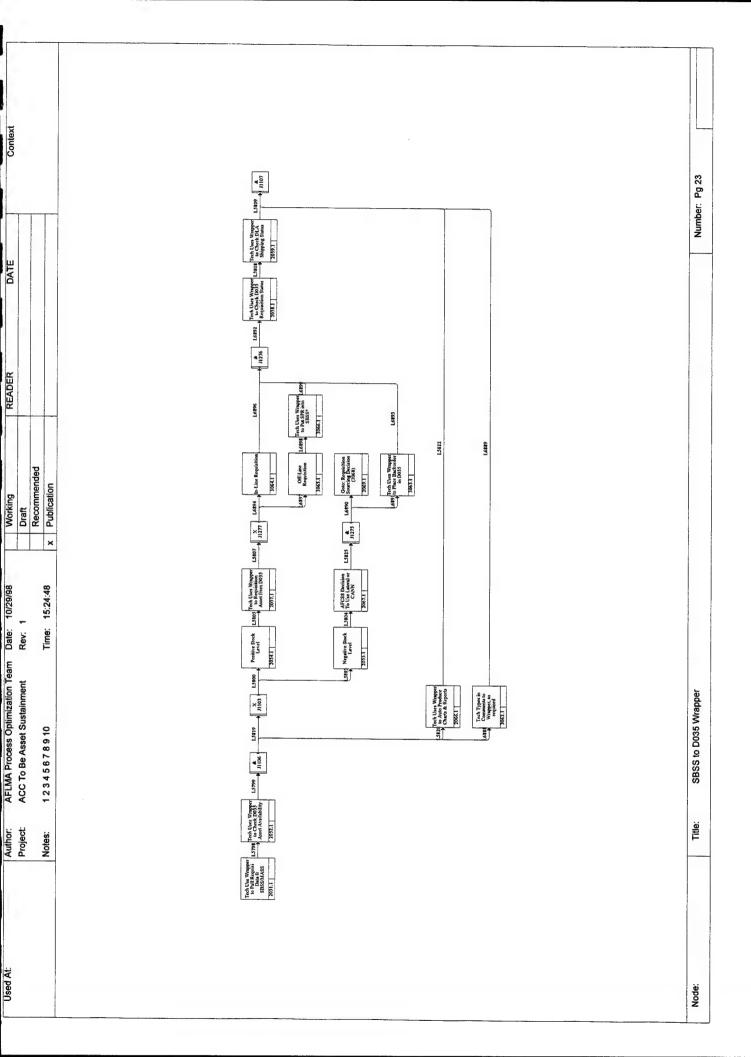


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Process Flow Decomp: Receipt



Process Flow Decomp: SBSS to D035 Wrapper



Process Flow Decomp: AFCSS D035 Requisition Tracking

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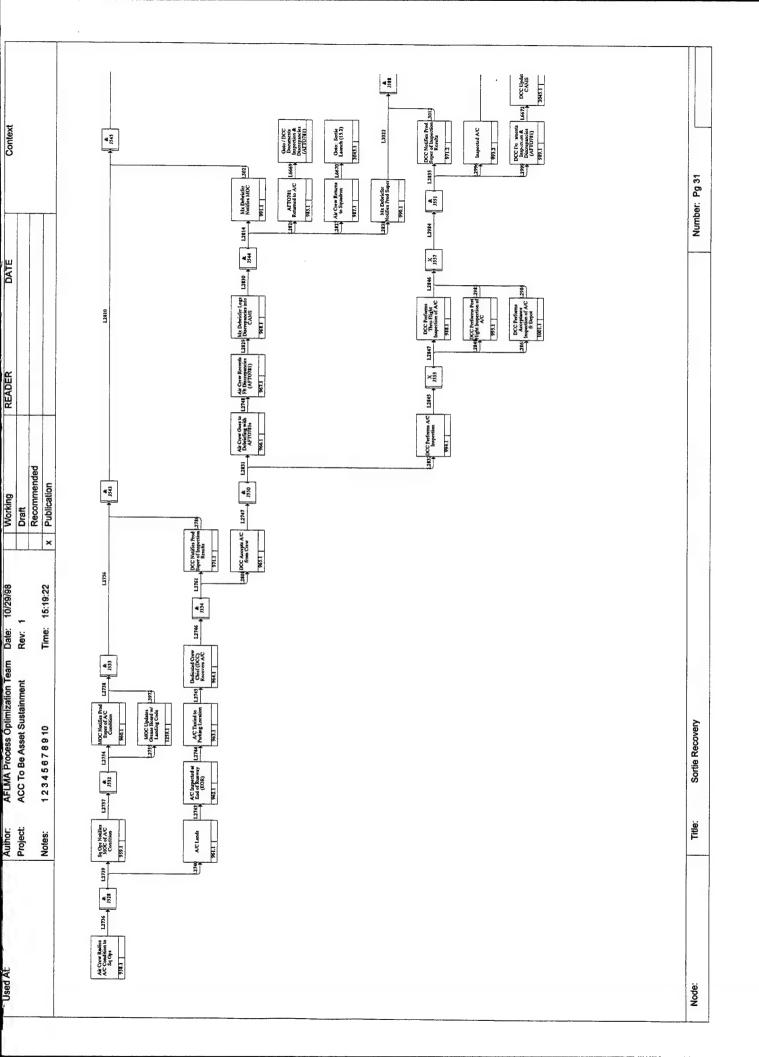
Process Flow Decomp: Other Than CSS D035 Requisition Tracking

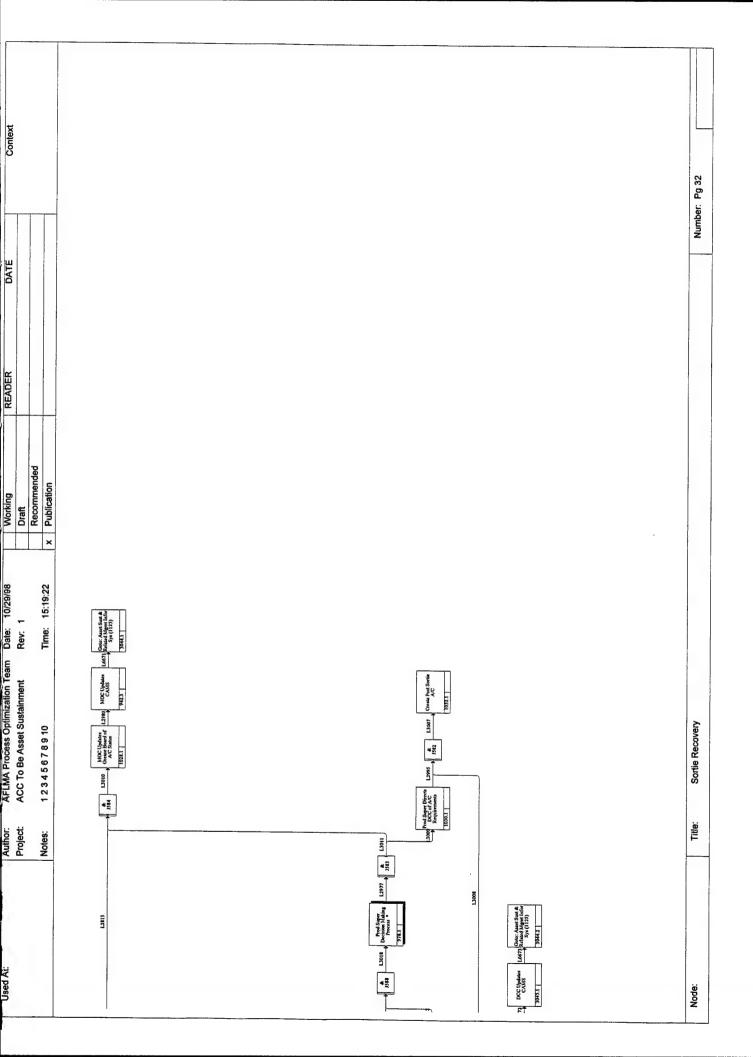
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Process Flow Decomp: DAAS Requisition Processing

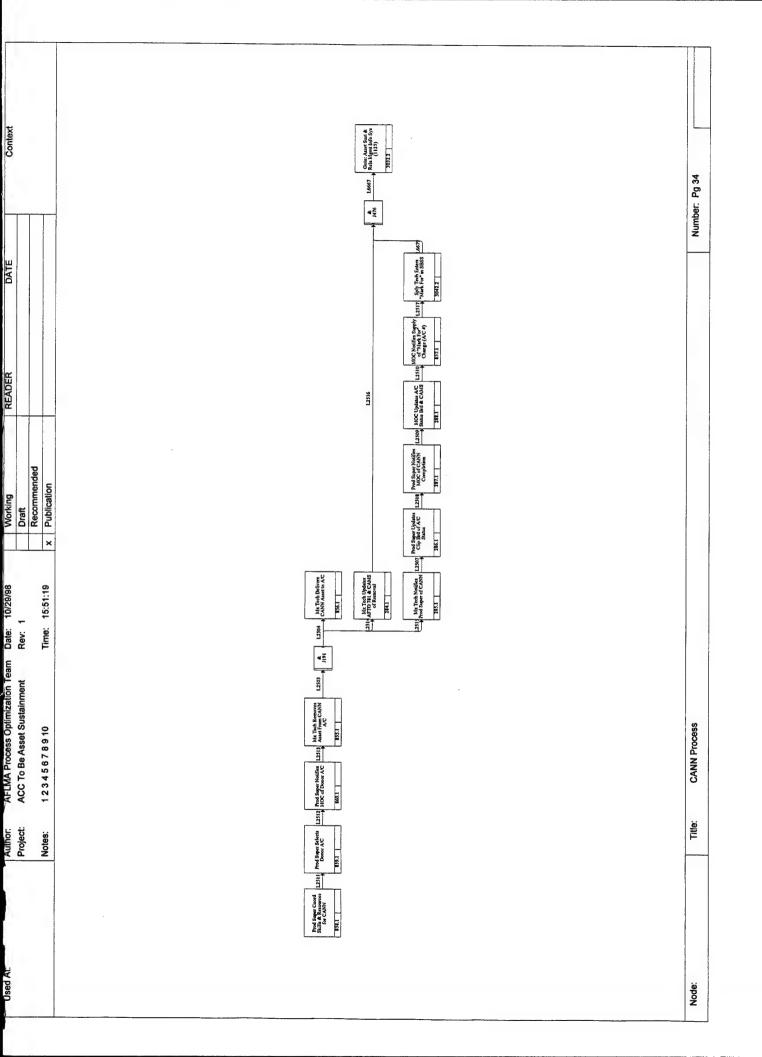
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Process Flow Decomp: Sortie Recovery



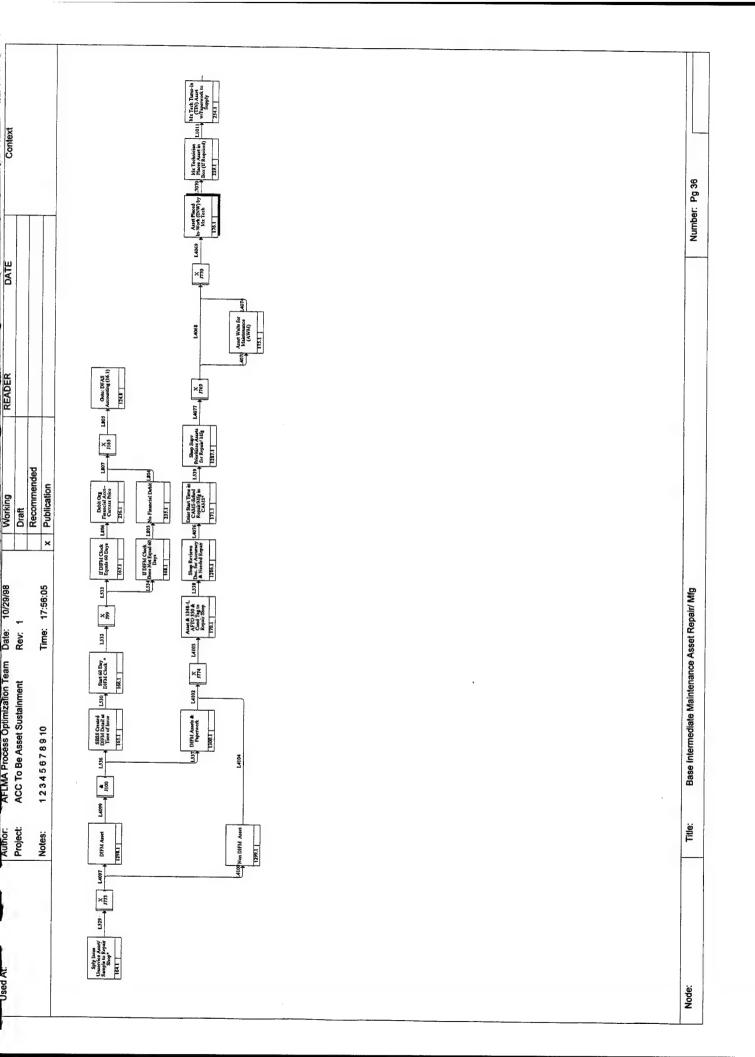


Process Flow Decomp: CANN Process



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Process Flow Decomp: Base Intermediate Maintenance Asset Repair/ Mfg



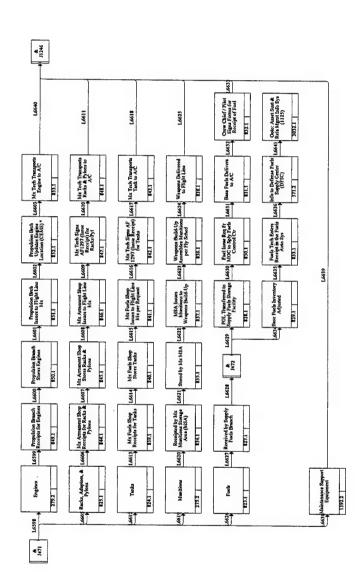
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Process Flow Decomp: Lateral Support Base Processing

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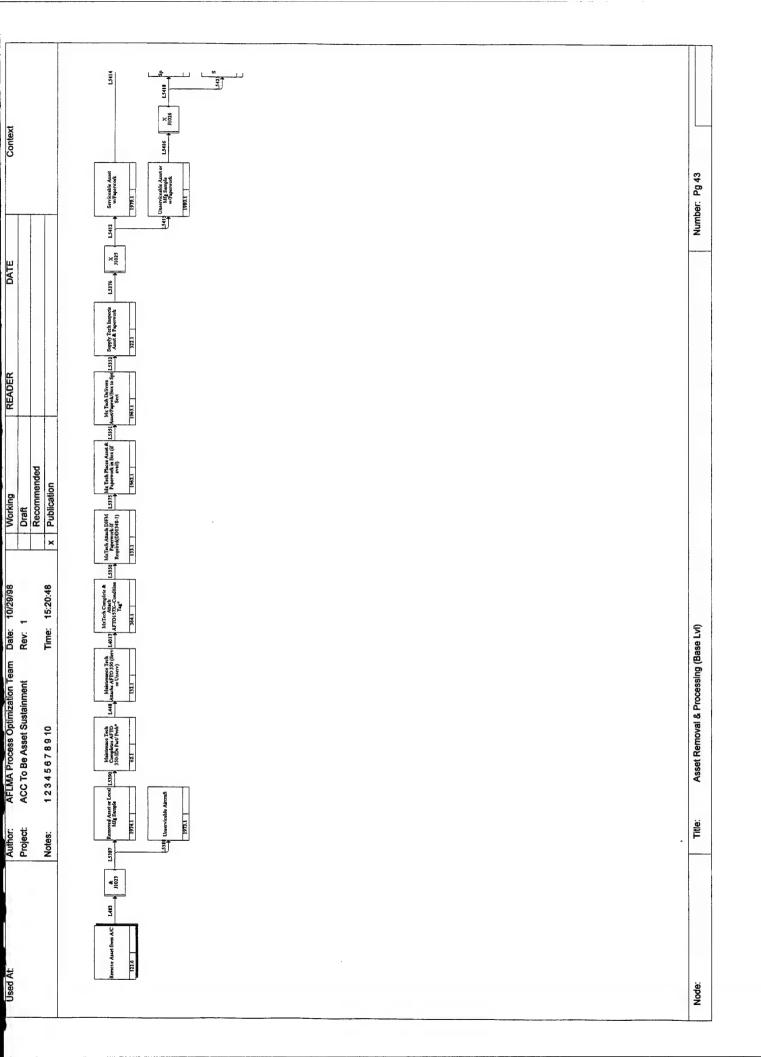
Process Flow Decomp: Fuel, Munitions, Engines, & Other Mission Equip

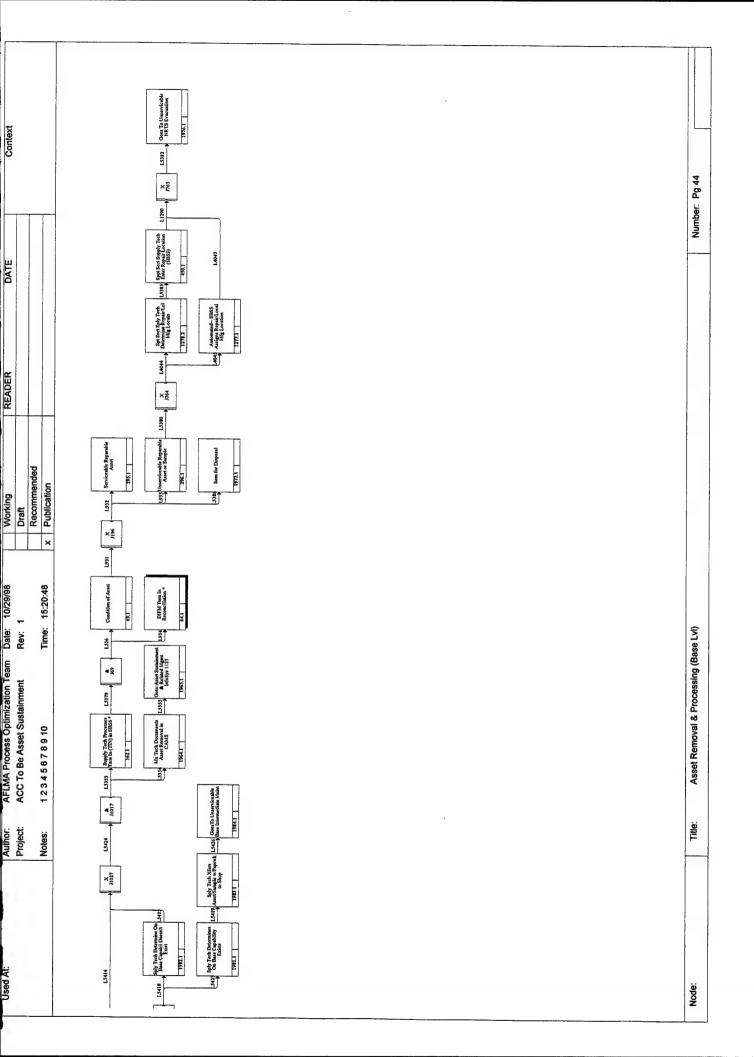
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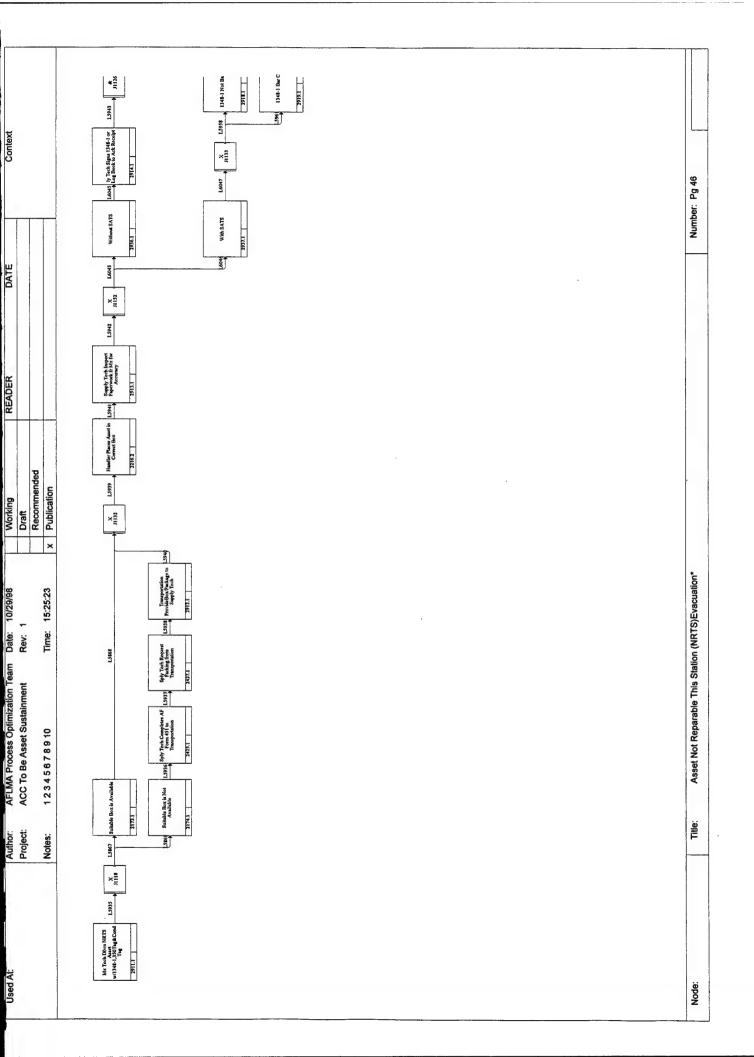
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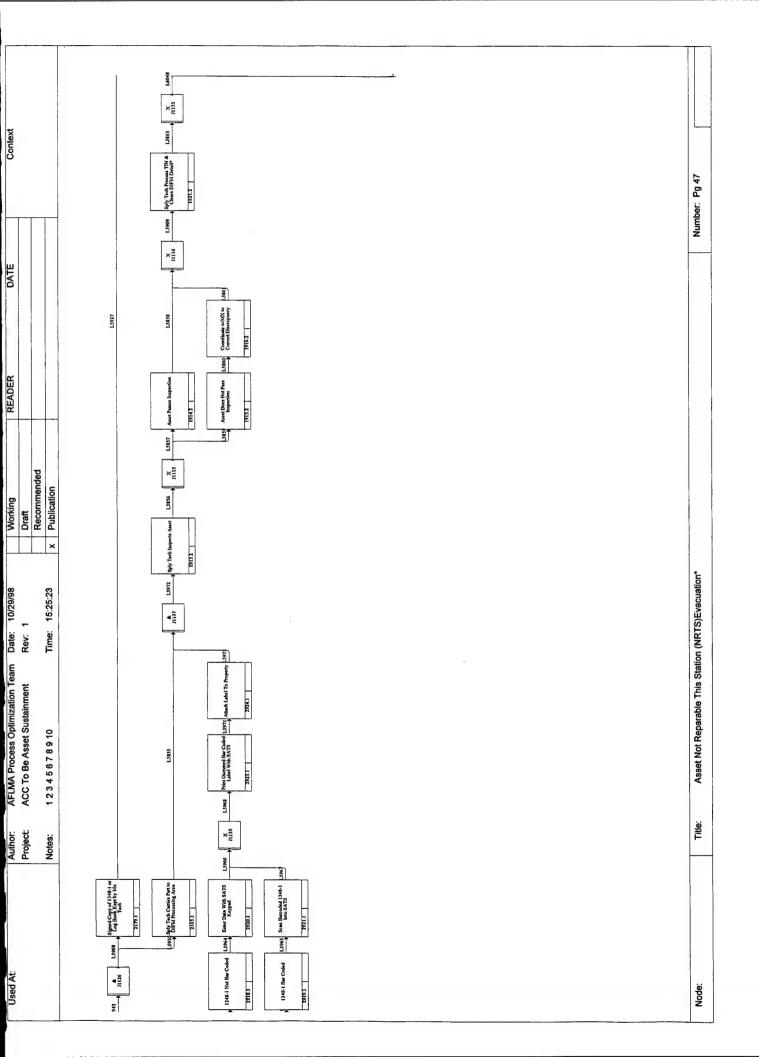
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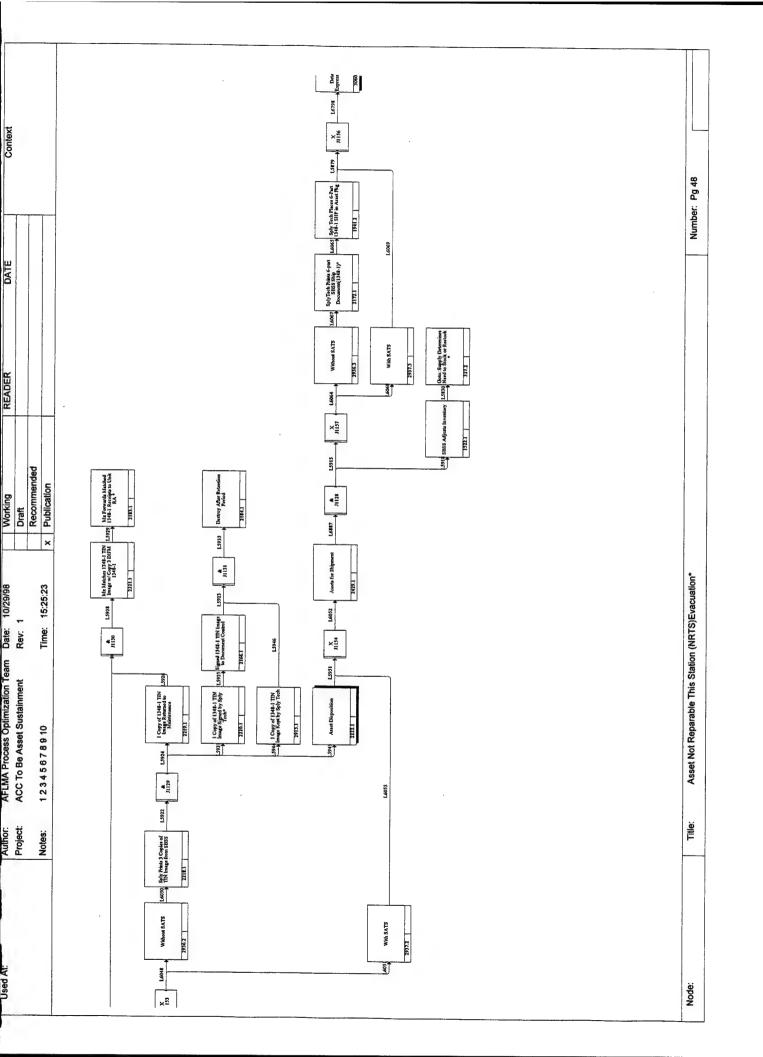




Process Flow Decomp: Asset Not Reparable This Station (NRTS) Evacuation\*

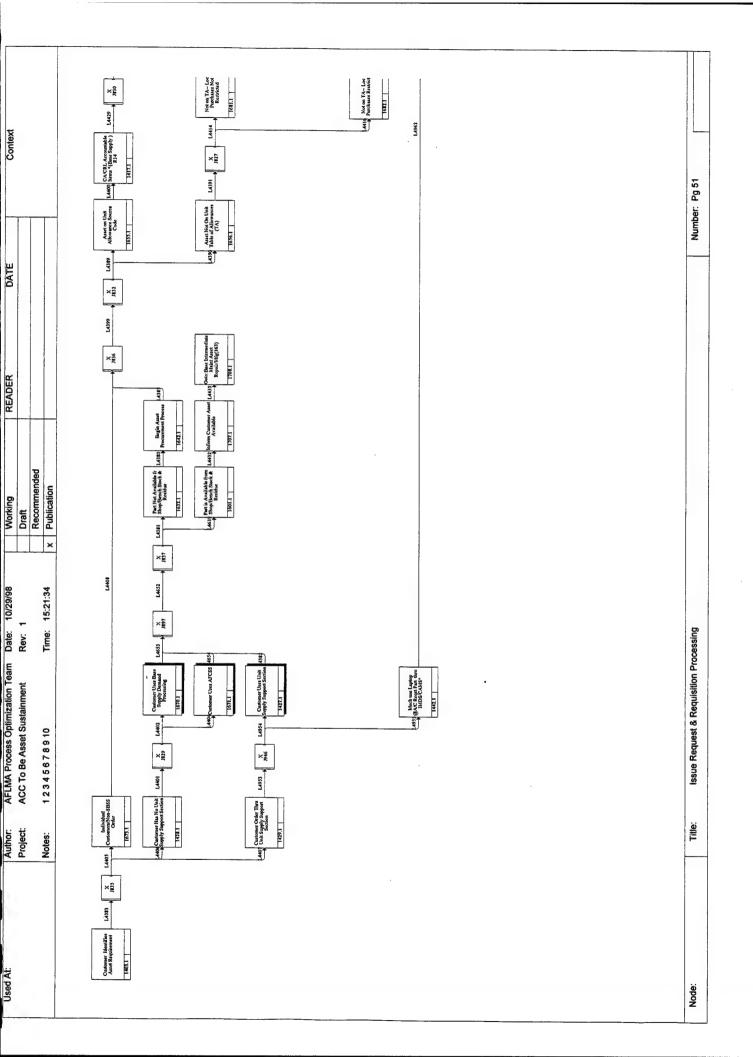


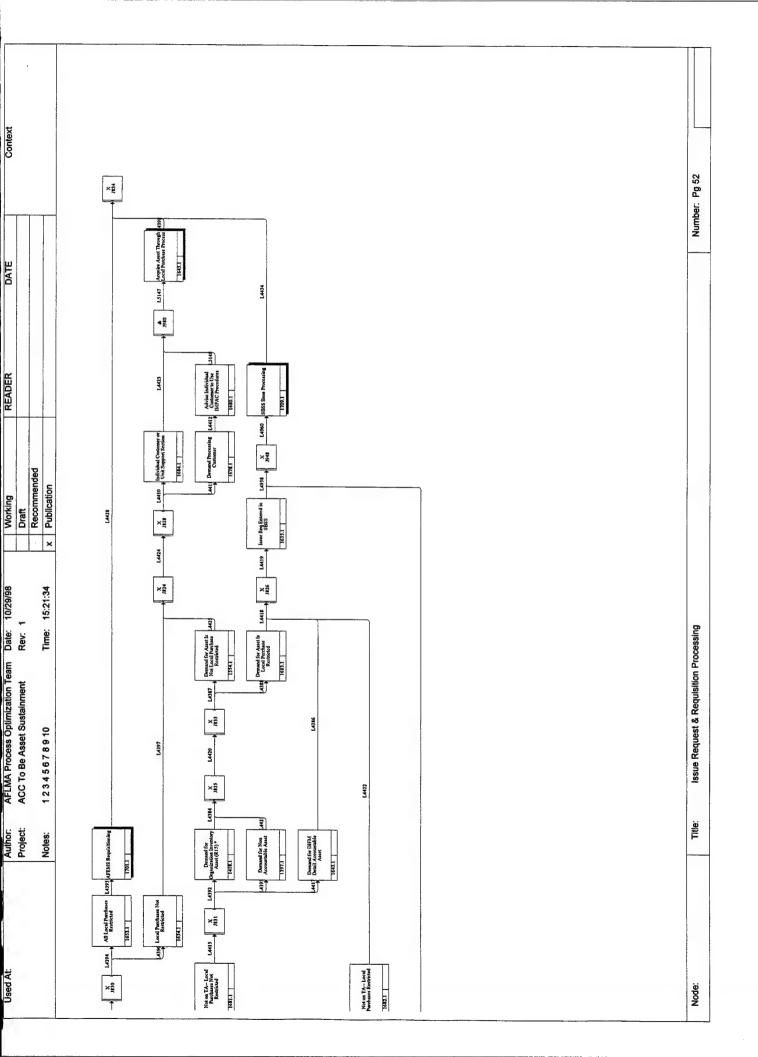




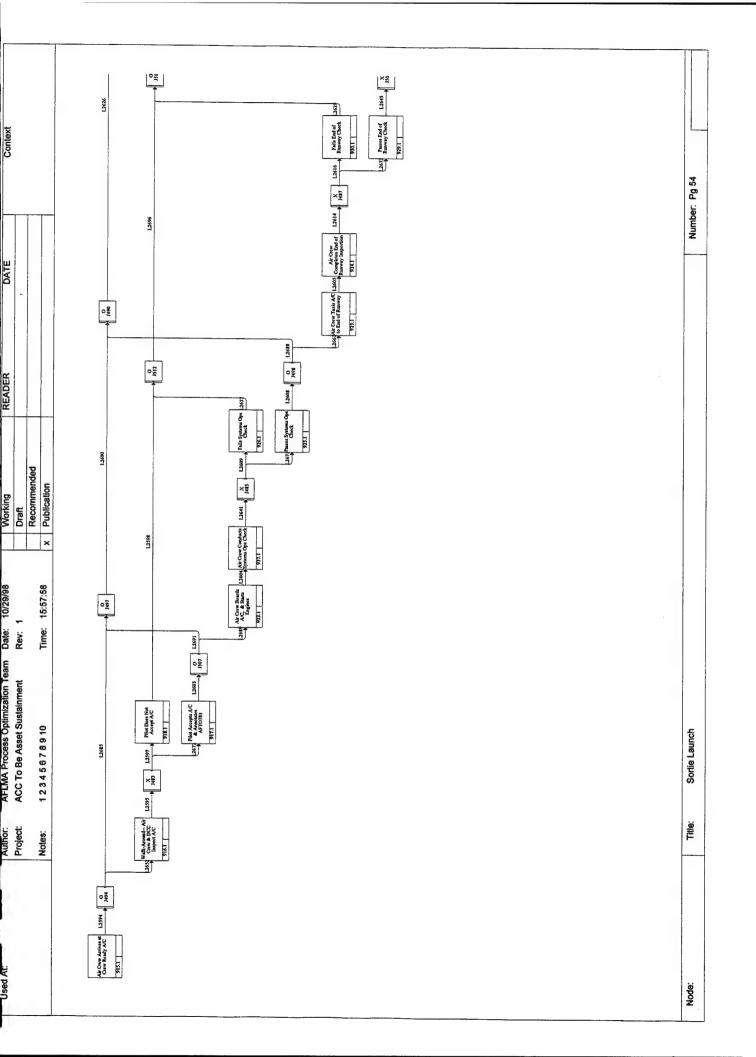
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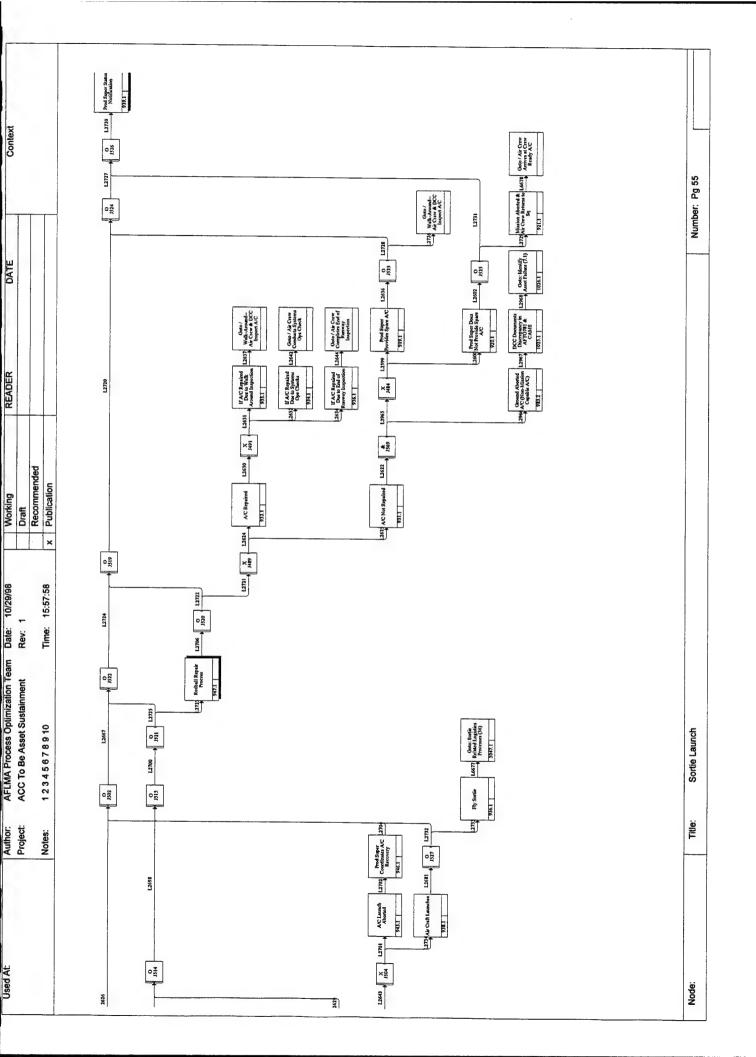
Process Flow Decomp: Issue Request & Requisition Processing





Process Flow Decomp: Sortie Launch





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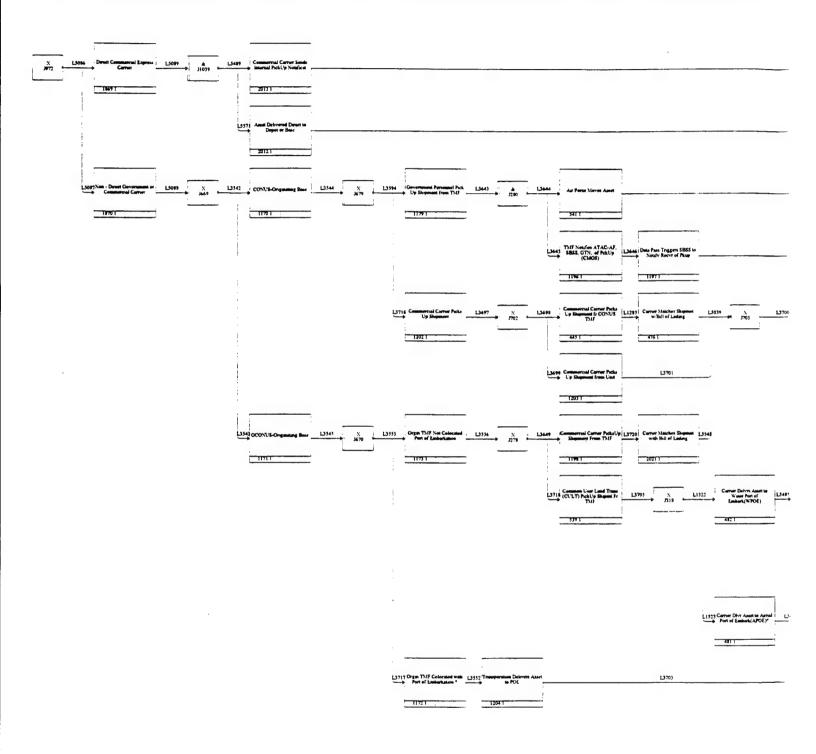
Process Flow Decomp: Asset Movement From Base



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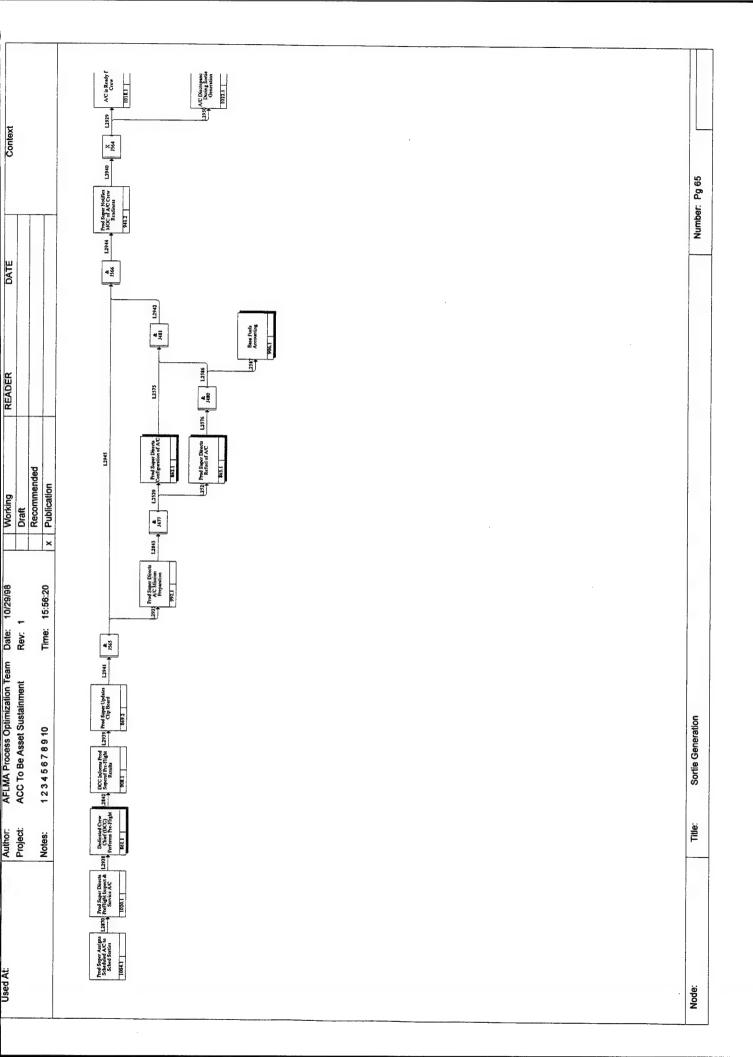
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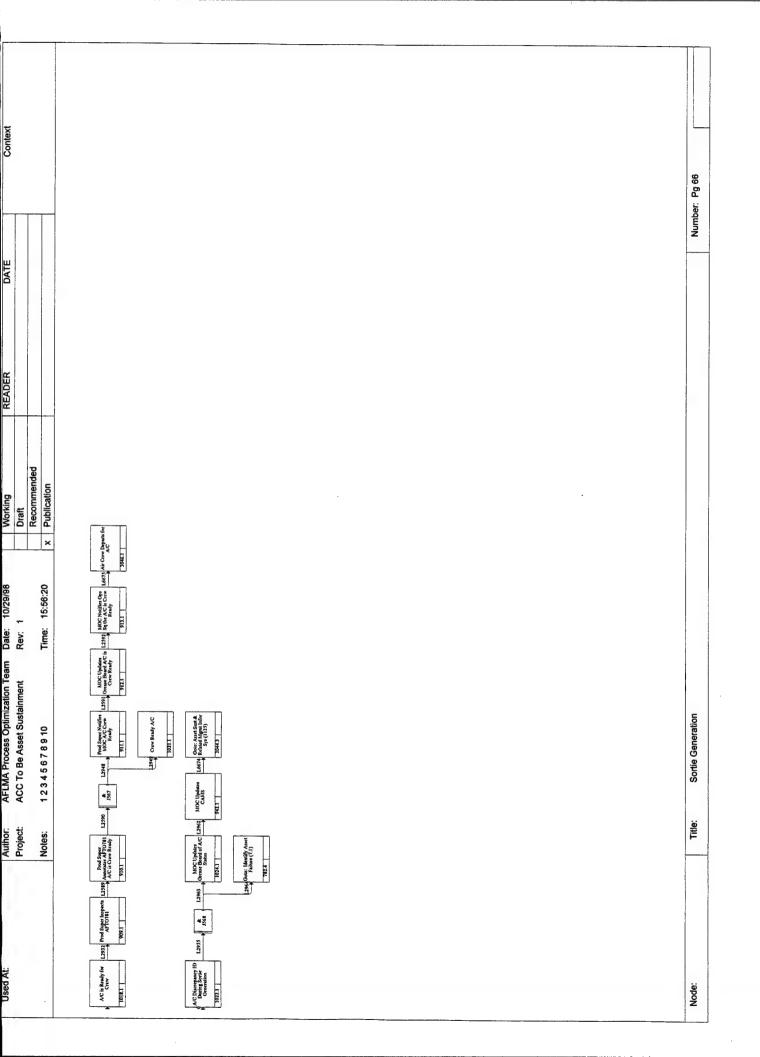
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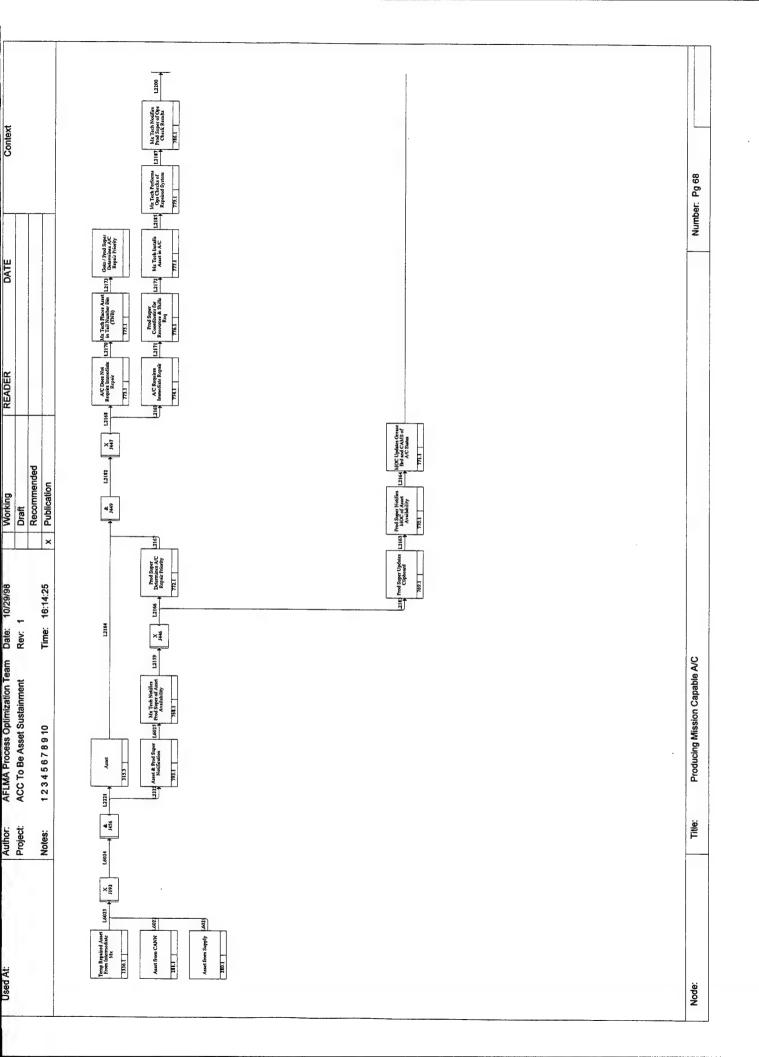
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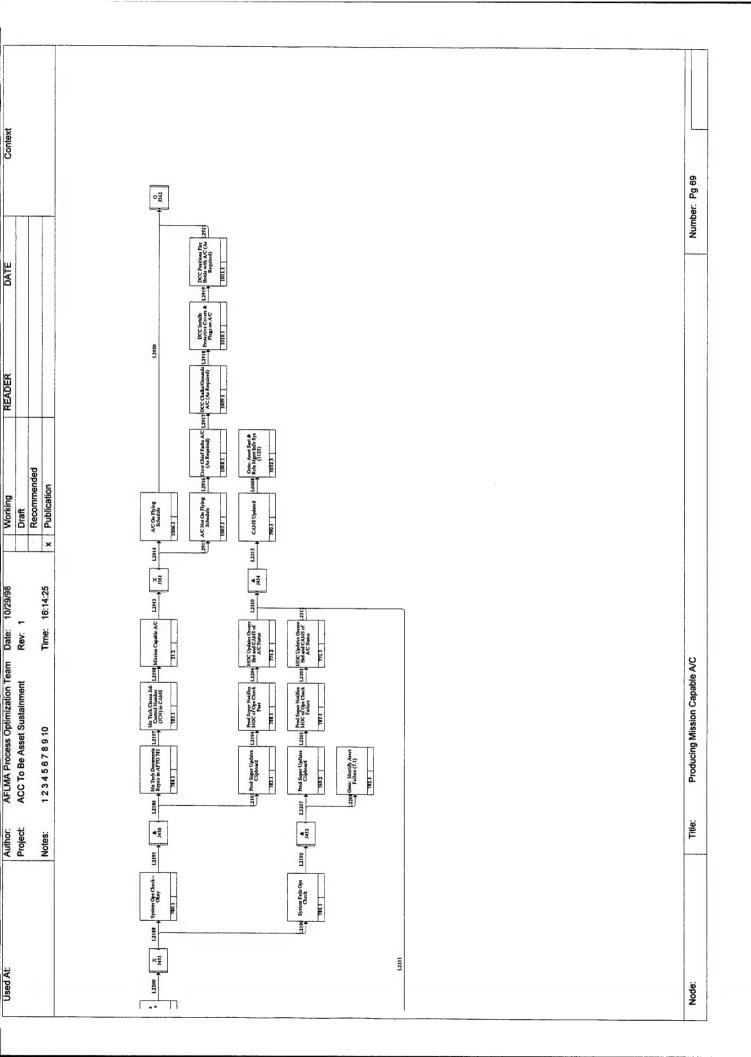
Process Flow Decomp: Sortie Generation





Process Flow Decomp: Producing Mission Capable A/C





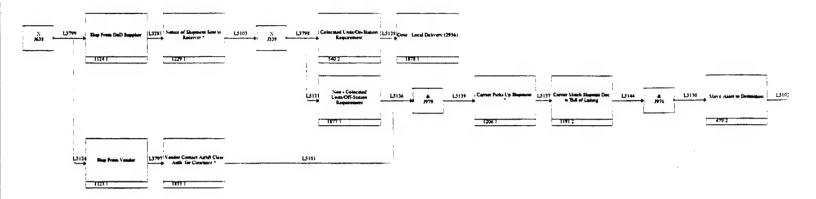
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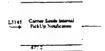
Process Flow Decomp: Asset Movement to Base

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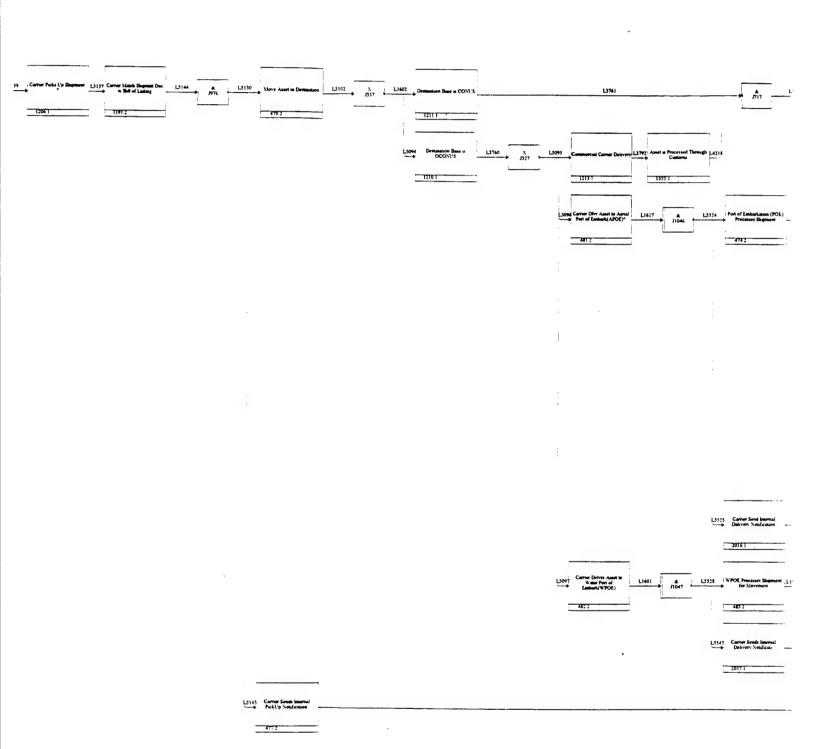


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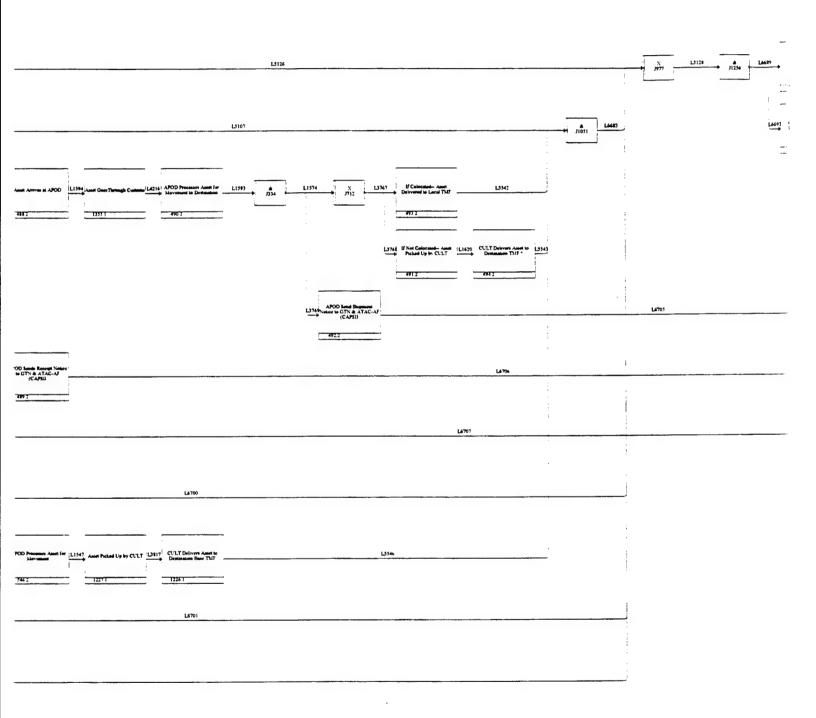
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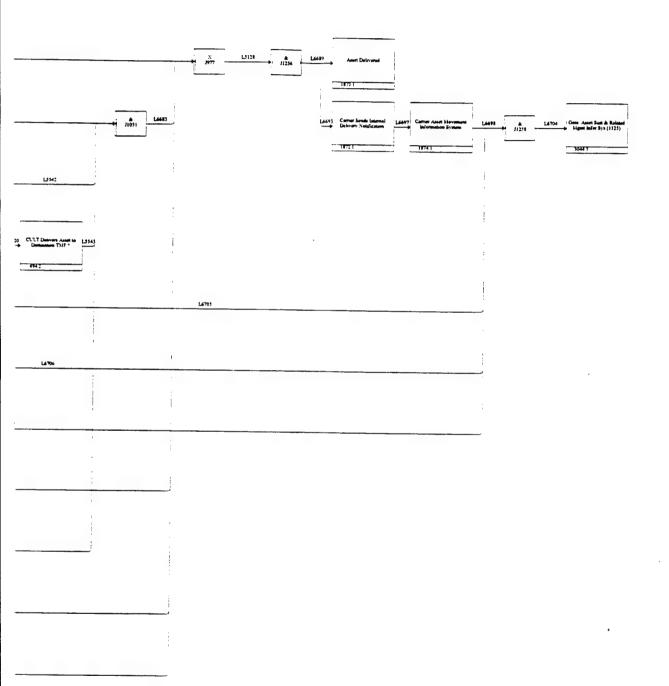


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AFLMA Reengineering Team

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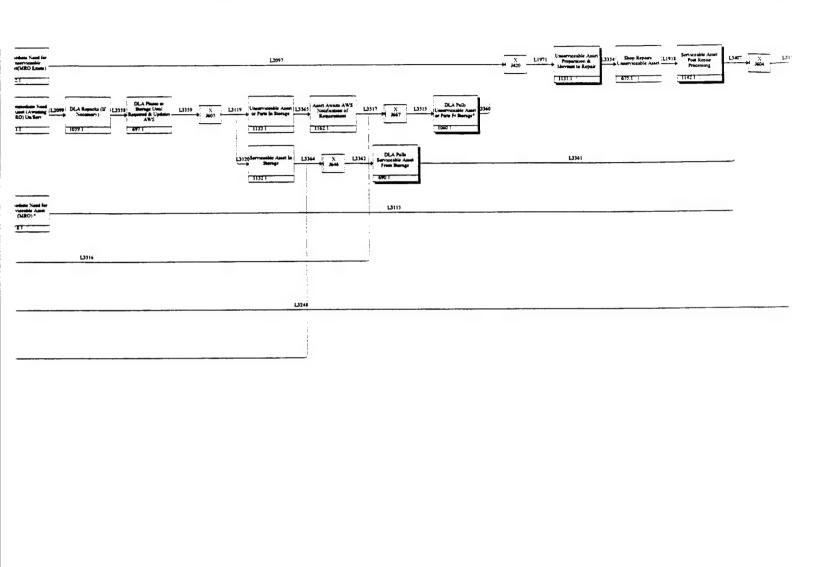
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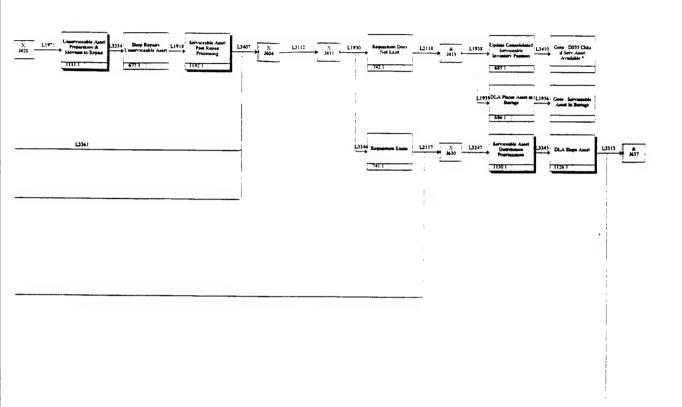
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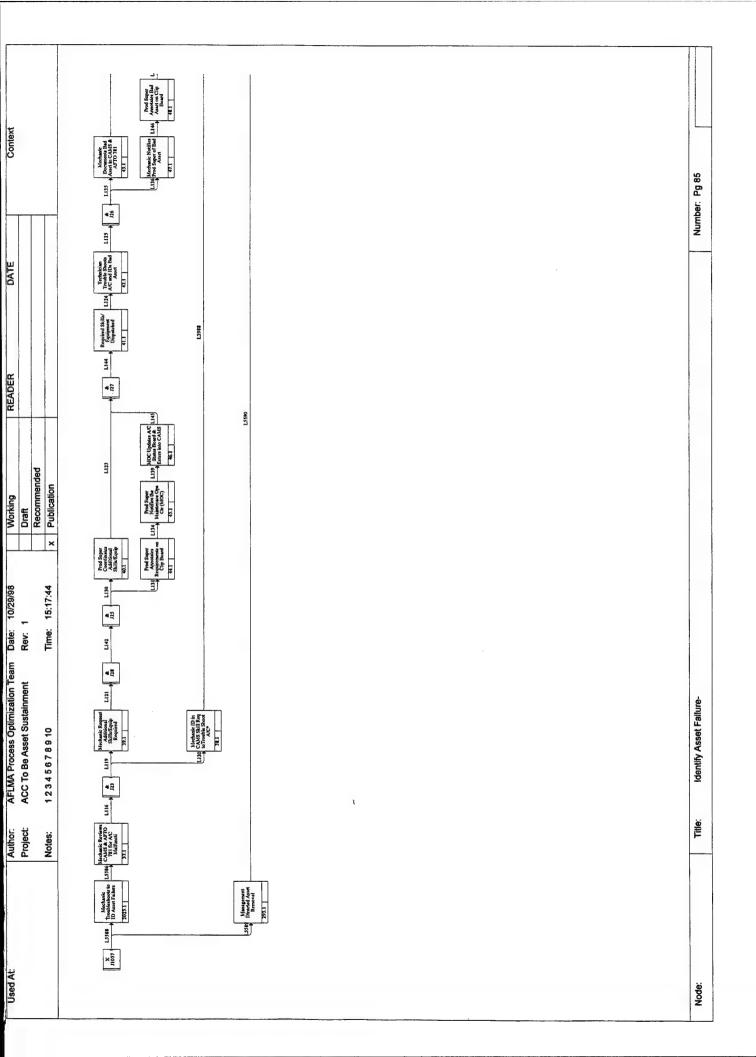
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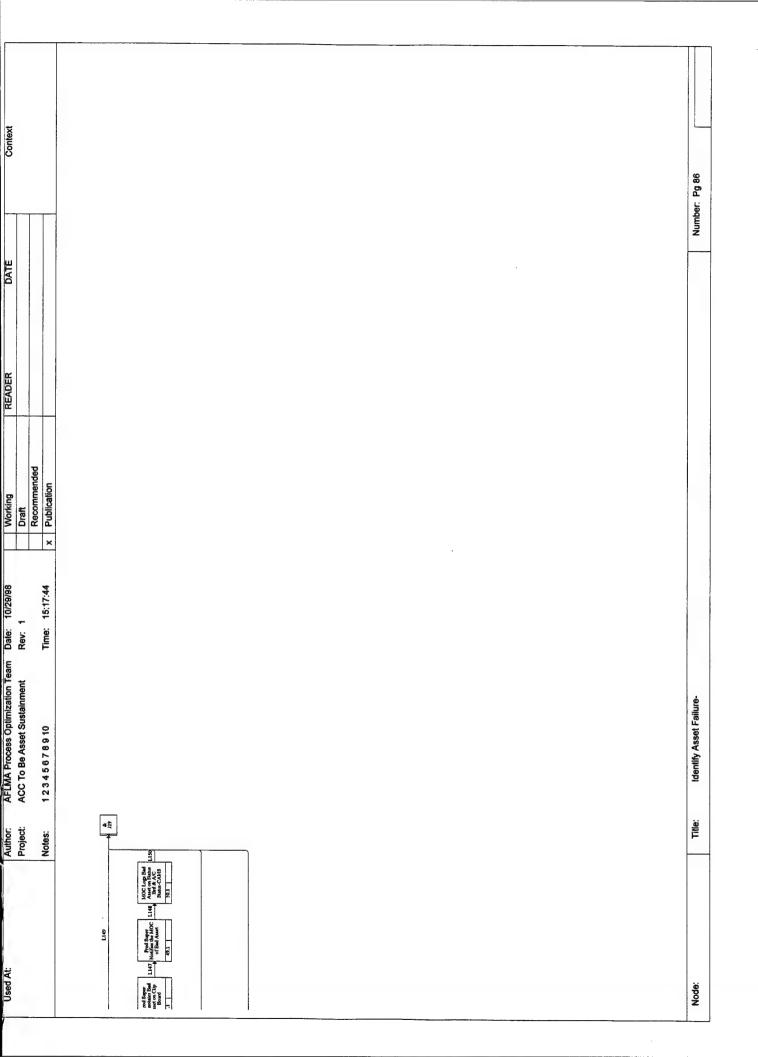


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Process Flow Decomp: Identify Asset Failure-

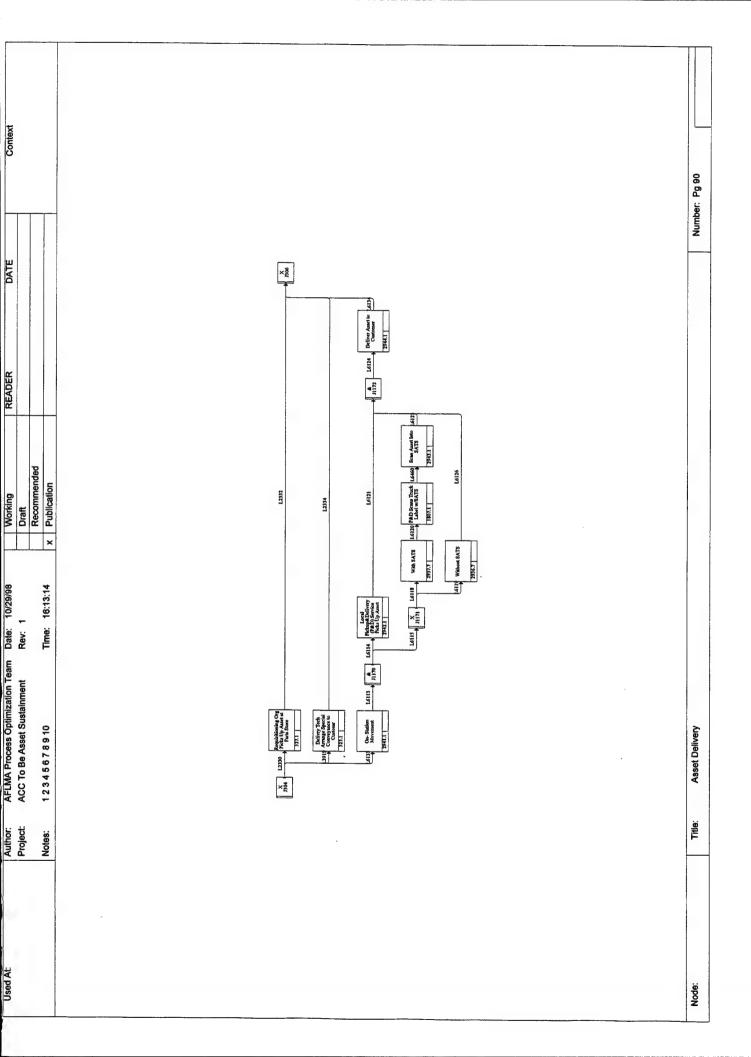




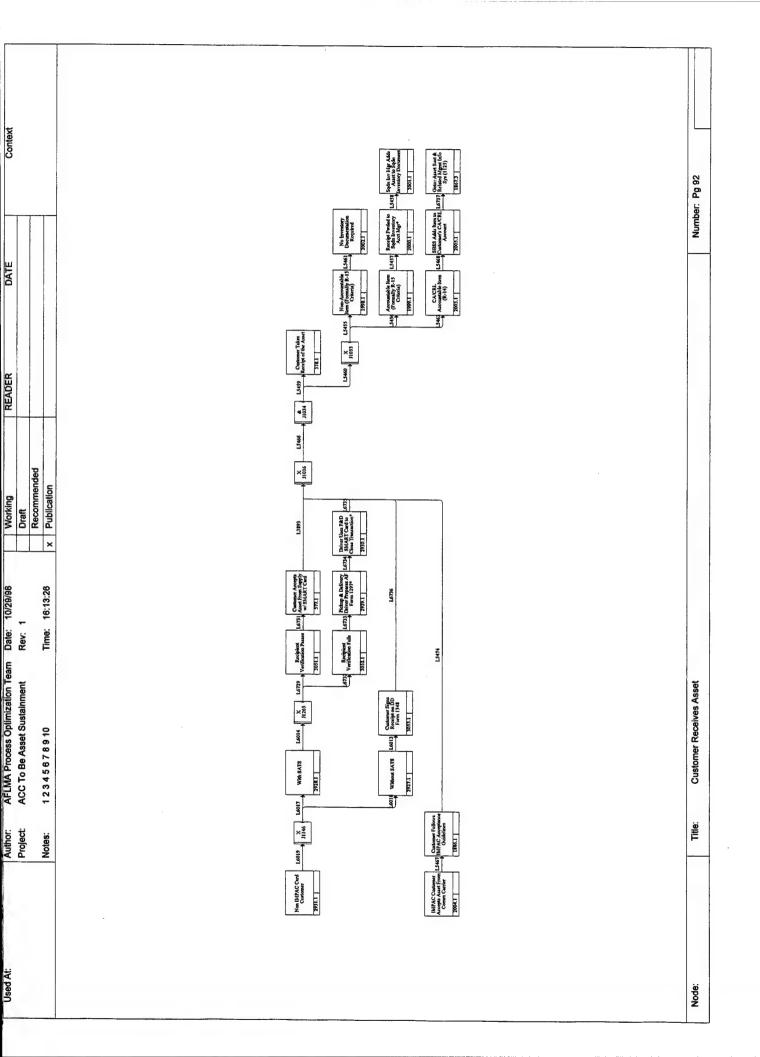
Process Flow Decomp: Non-Sortie Related Logistics Processes

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Process Flow Decomp: Asset Delivery

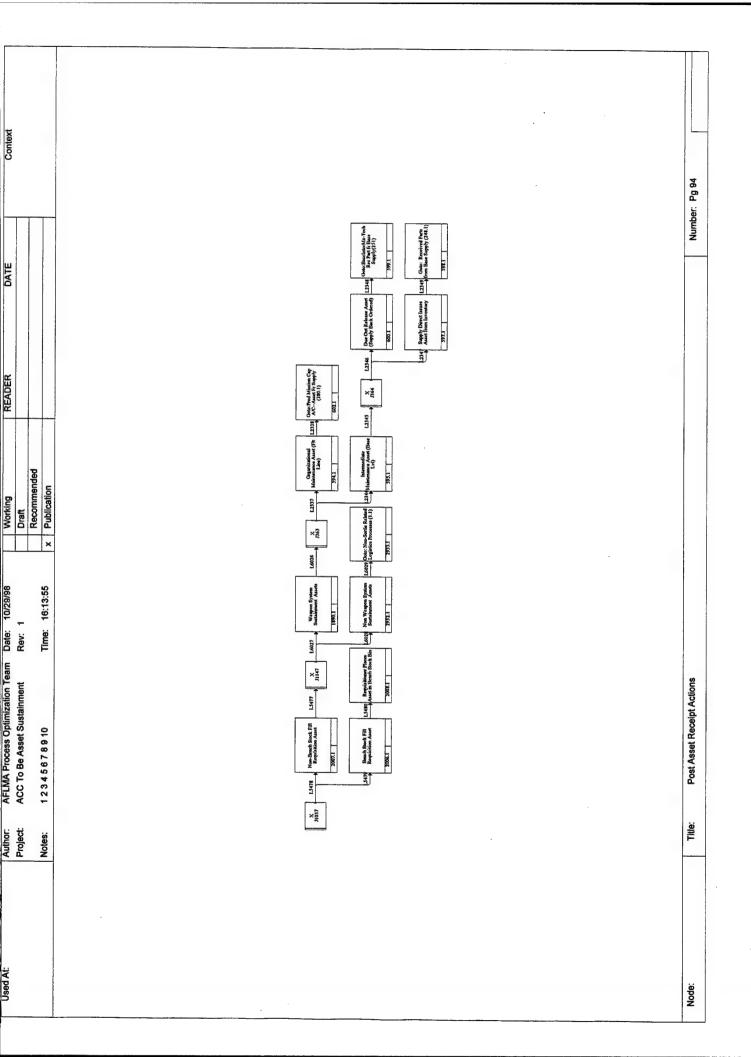


Process Flow Decomp: Customer Receives Asset

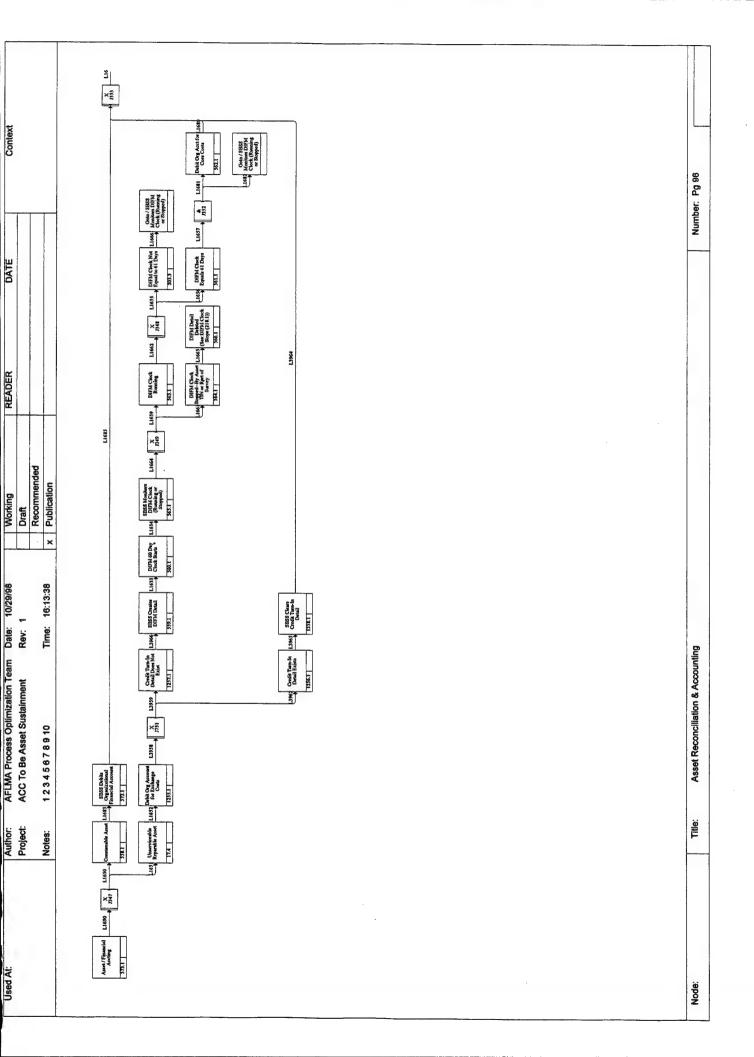


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Process Flow Decomp: Post Asset Receipt Actions

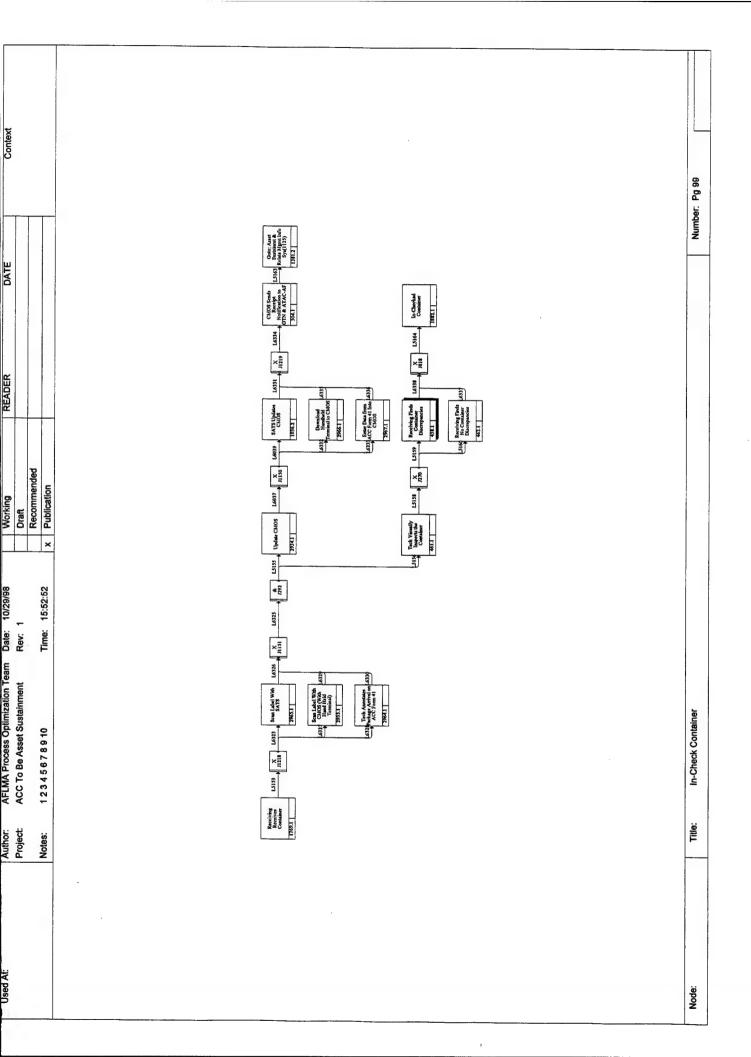


Process Flow Decomp: Asset Reconciliation & Accounting

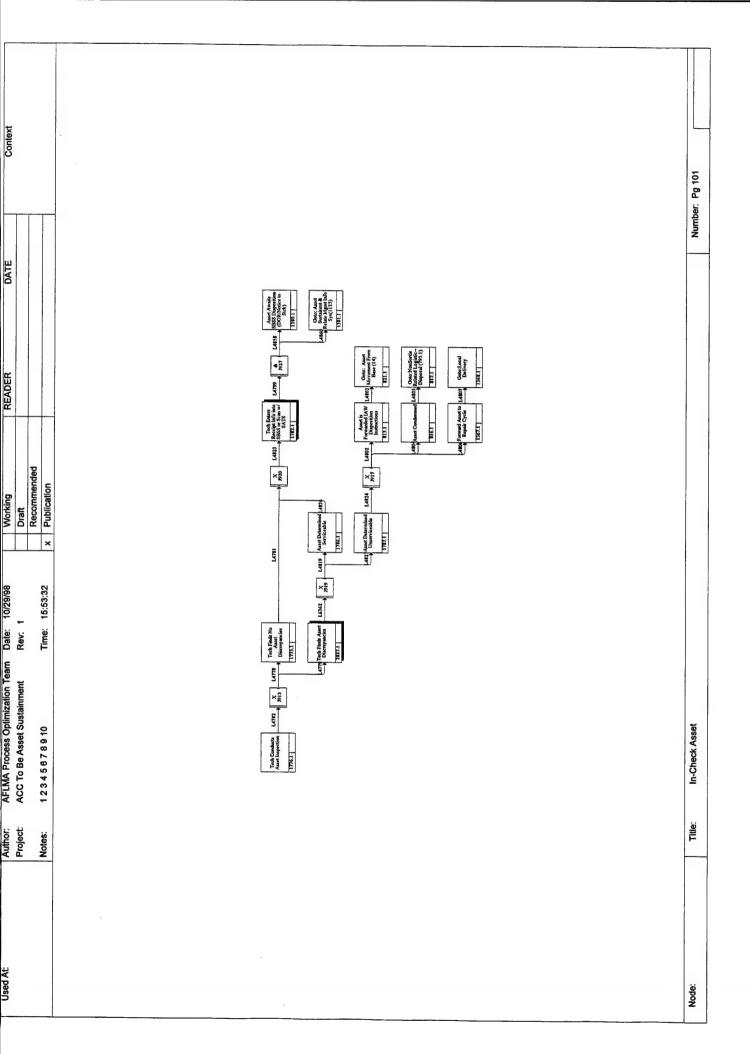


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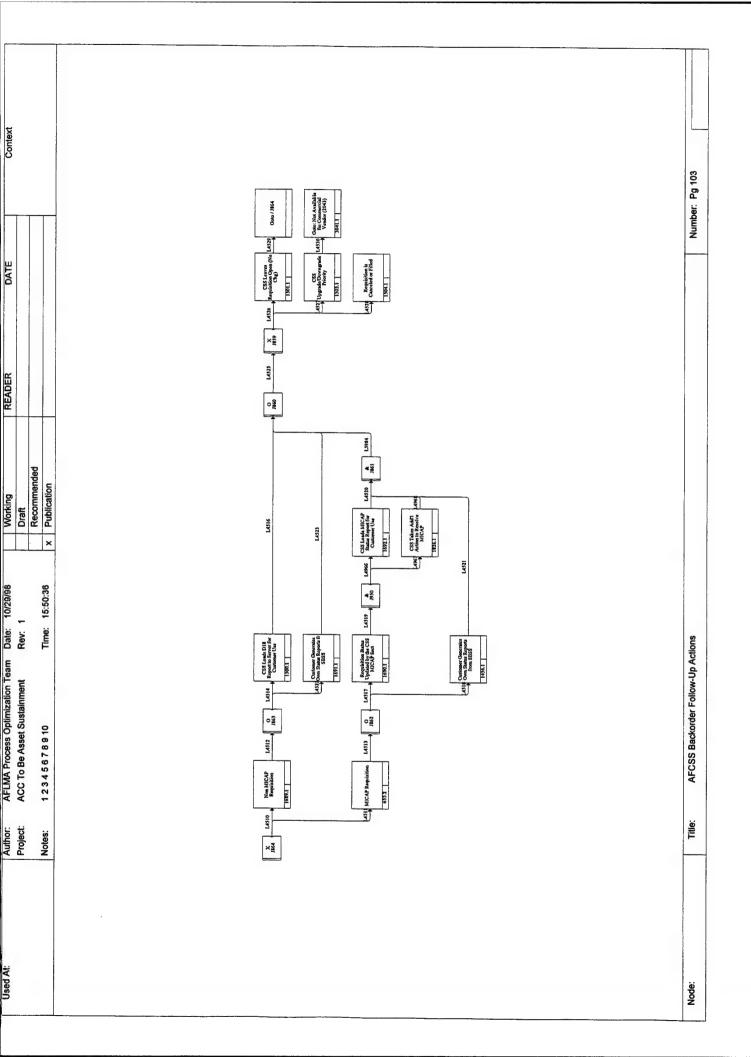
Process Flow Decomp: In-Check Container



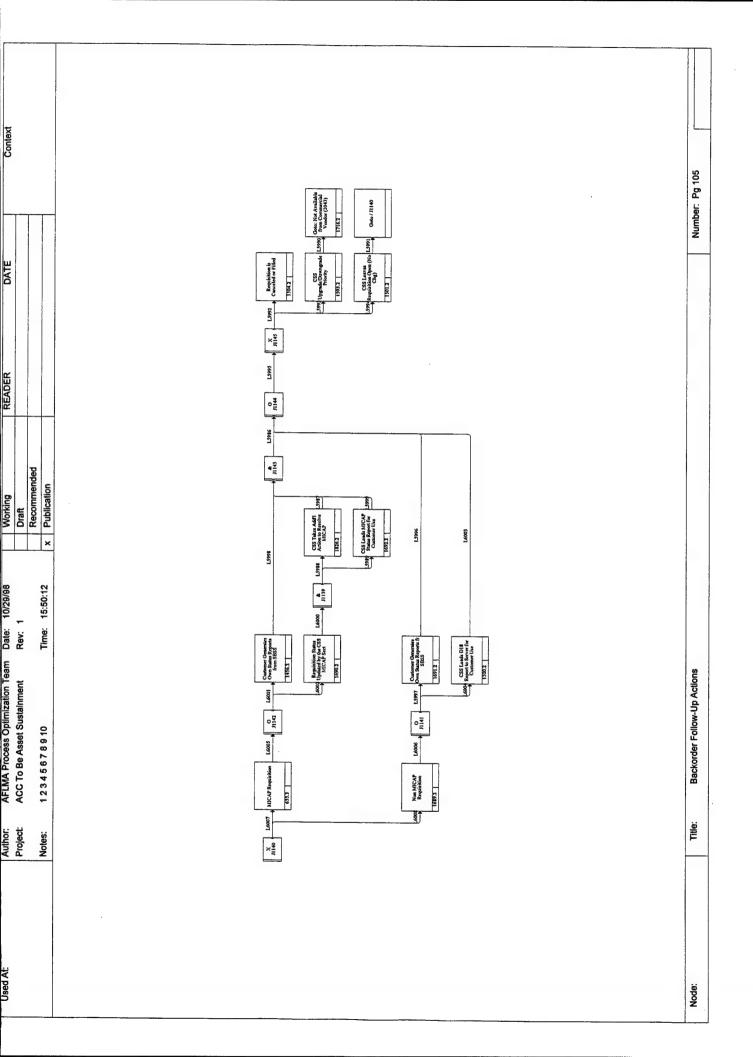
Process Flow Decomp: In-Check Asset



Process Flow Decomp: AFCSS Backorder Follow-Up Actions



Process Flow Decomp: Backorder Follow-Up Actions



Process Flow Decomp: DAAS Routing

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Process Flow Decomp: Prod Super Decision Making Process

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Process Flow Decomp: Asset Placed In-Work (INW) by Mx Tech

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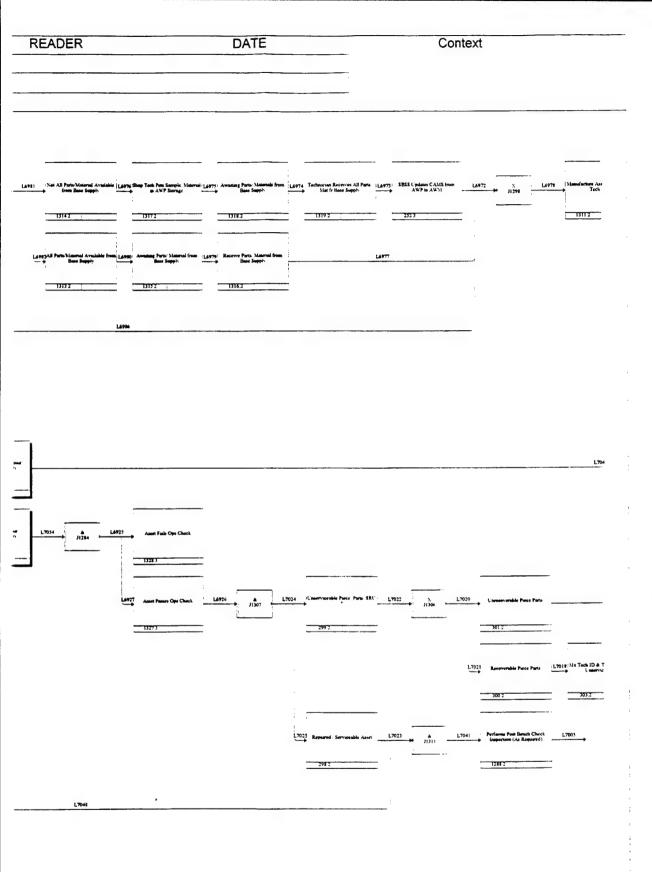
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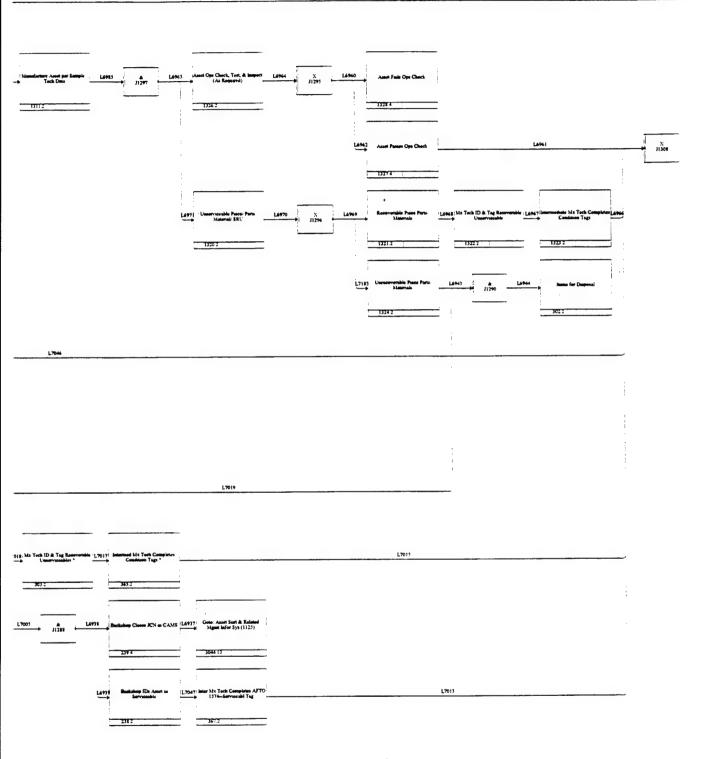
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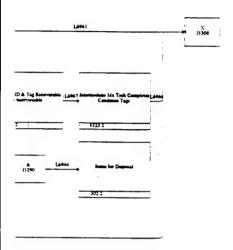
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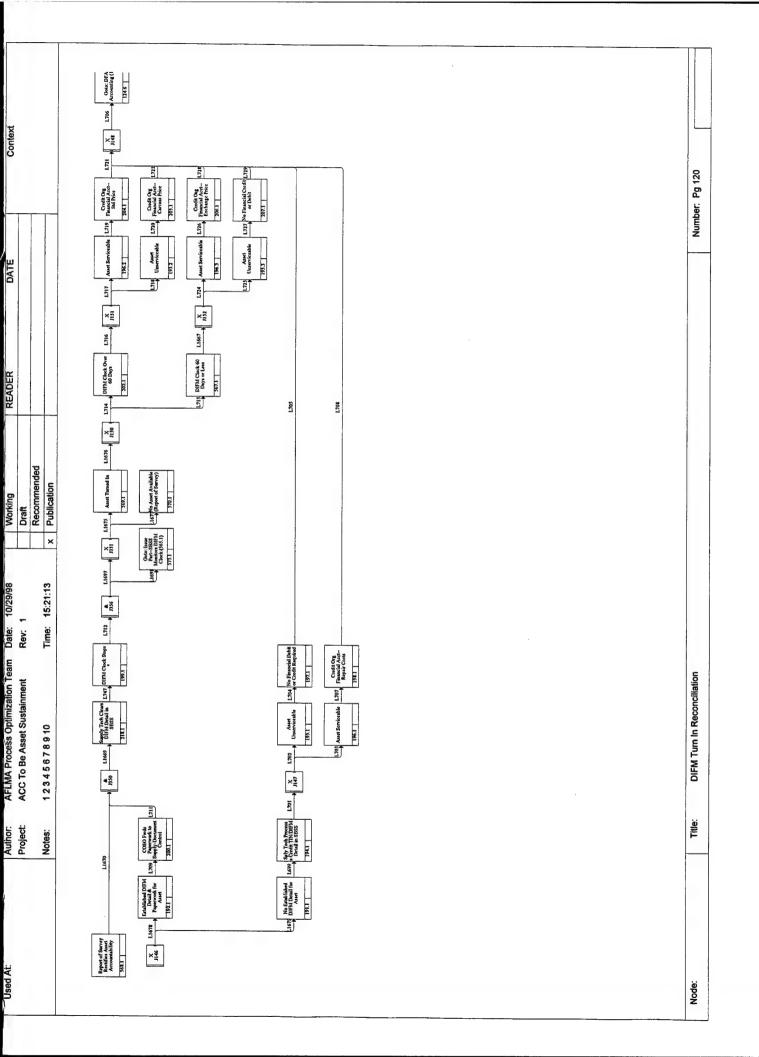
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Process Flow Decomp: Remove Asset from A/C

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Process Flow Decomp: DIFM Turn In Reconciliation



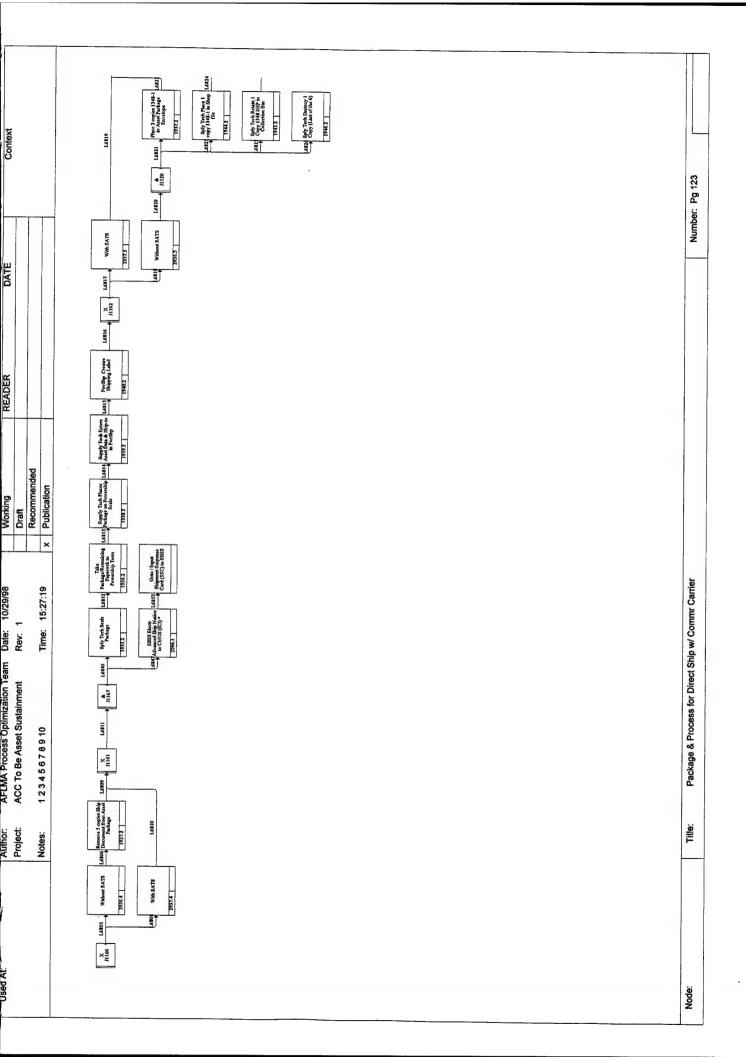
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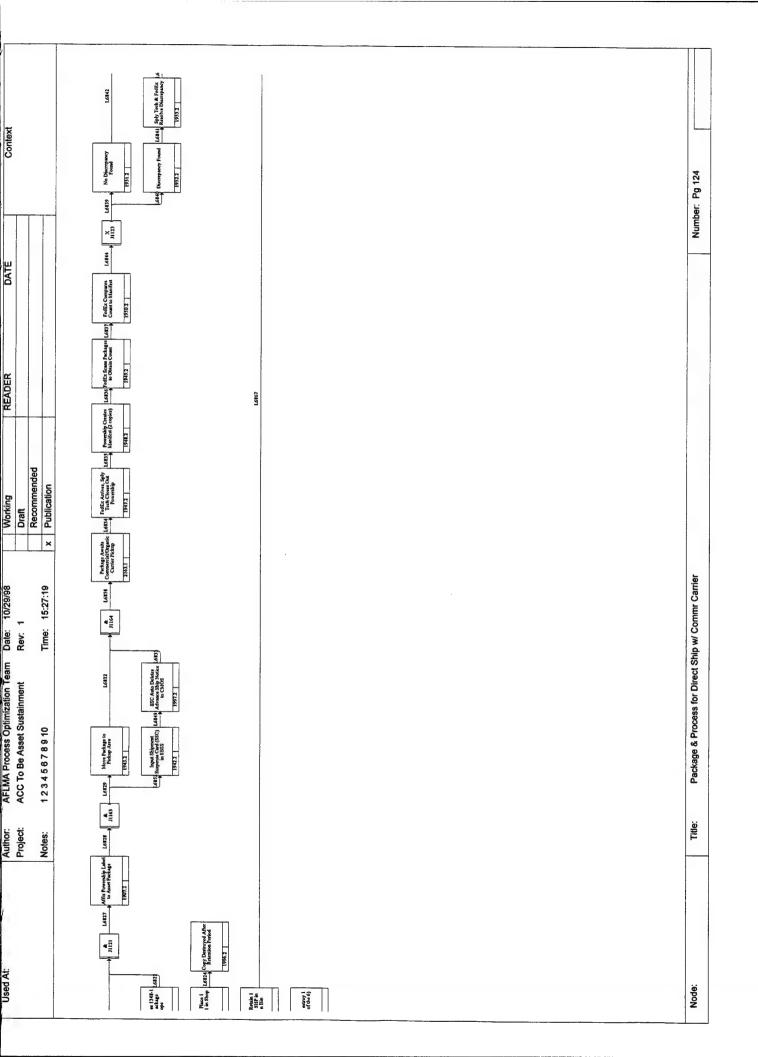
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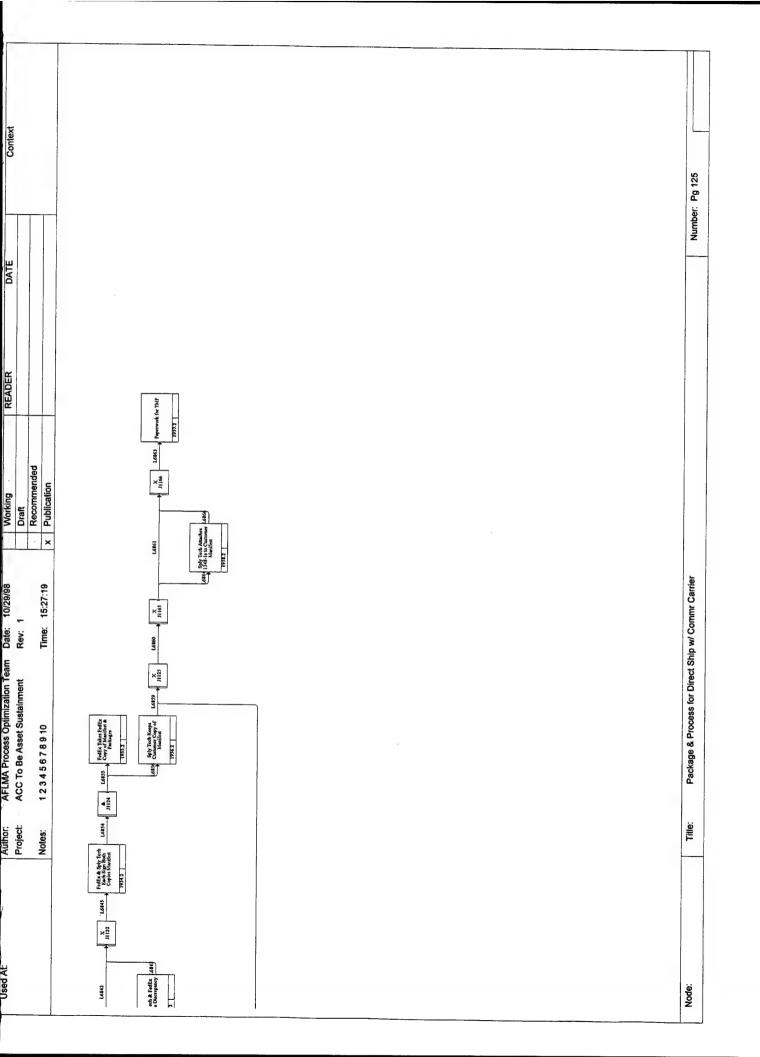
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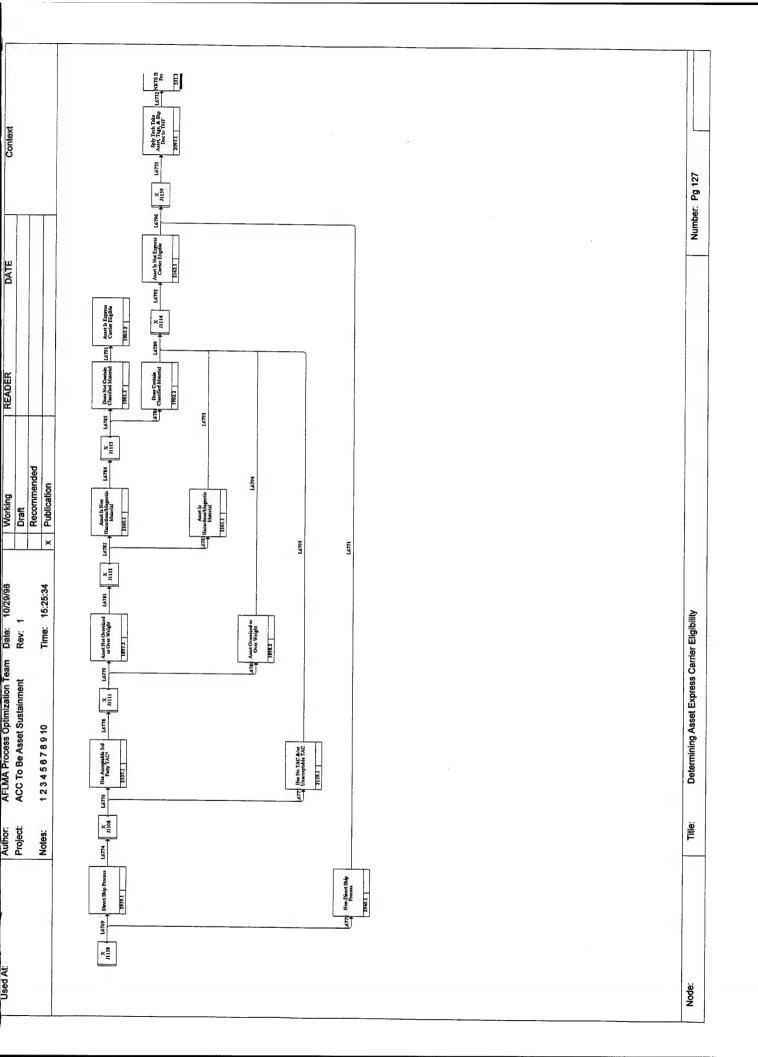
Process Flow Decomp: Package & Process for Direct Ship w/ Commr Carrier





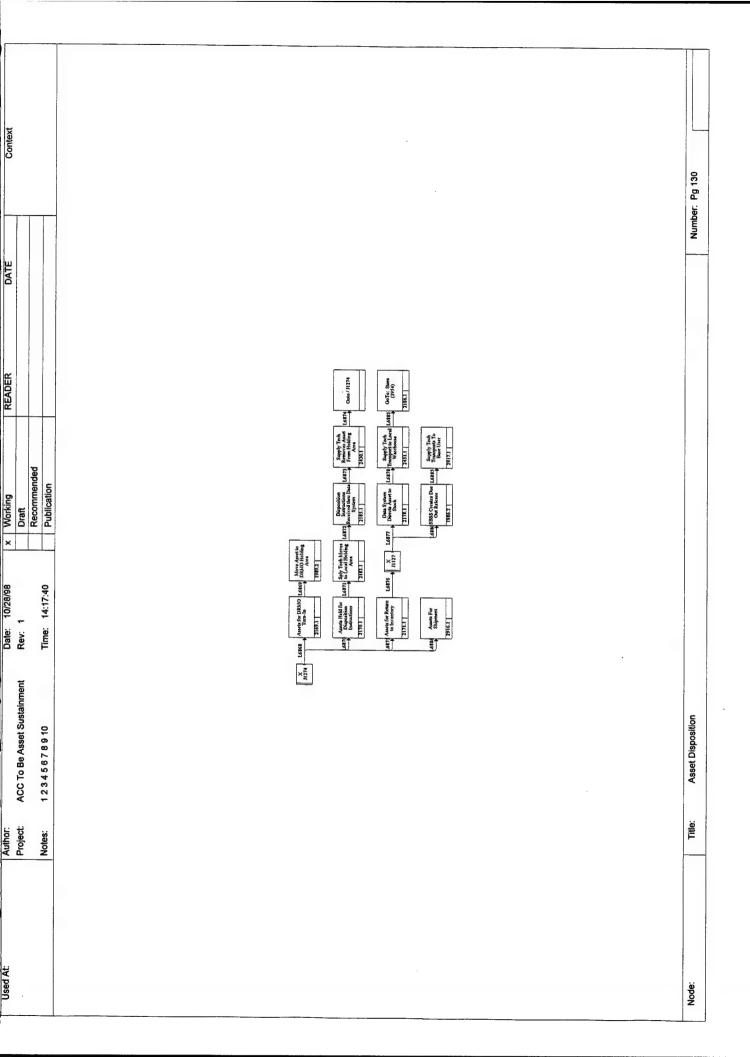


Process Flow Decomp: Determining Asset Express Carrier Eligibility



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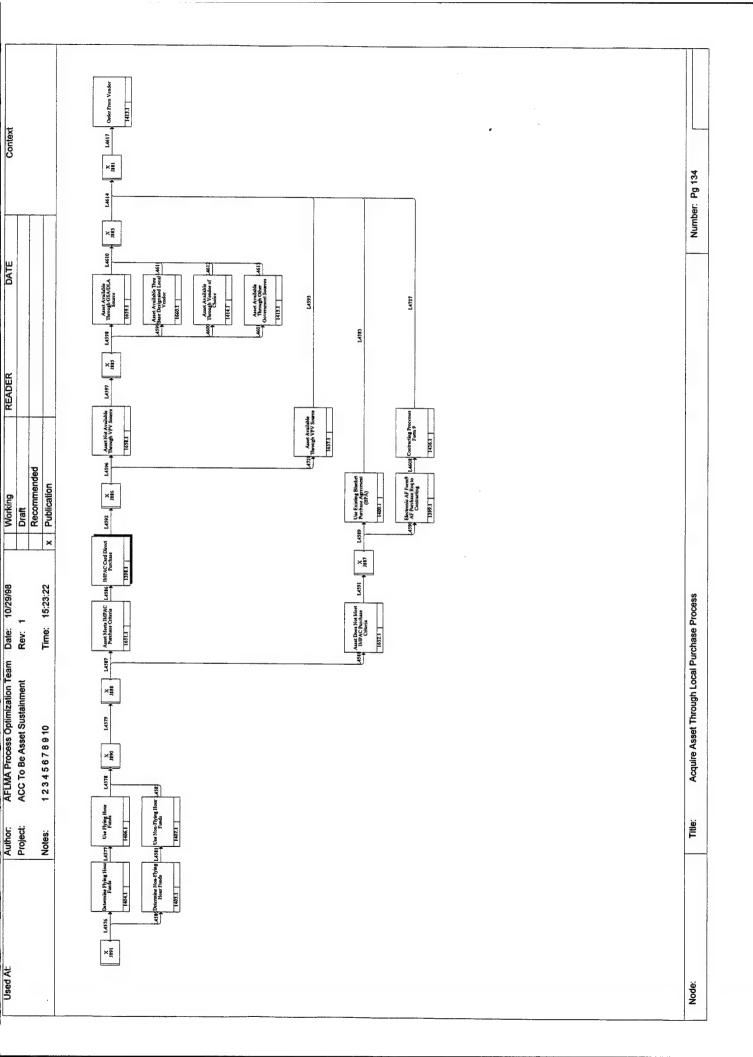
Process Flow Decomp: Asset Disposition



Process Flow Decomp: Customer Uses Unit Supply Support Section

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Process Flow Decomp: Acquire Asset Through Local Purchase Process



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Process Flow Decomp: Customer Uses Base Supply Demand Processing

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Process Flow Decomp: Customer Uses AFCSS

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Process Flow Decomp: AFEMS Requisitioning

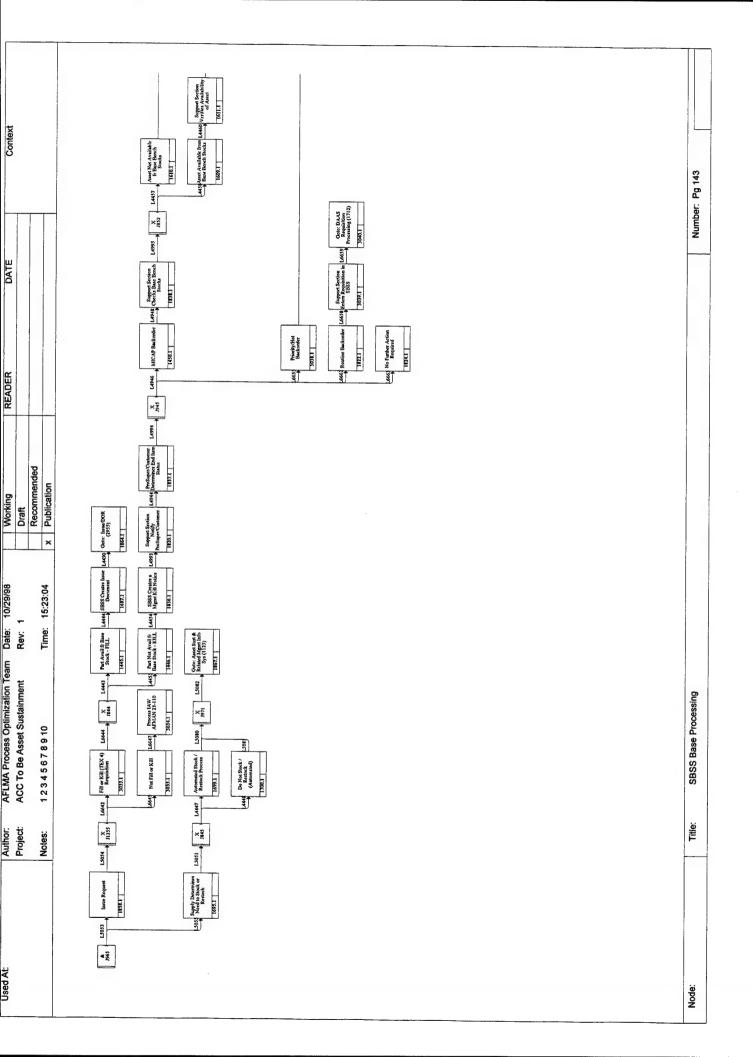
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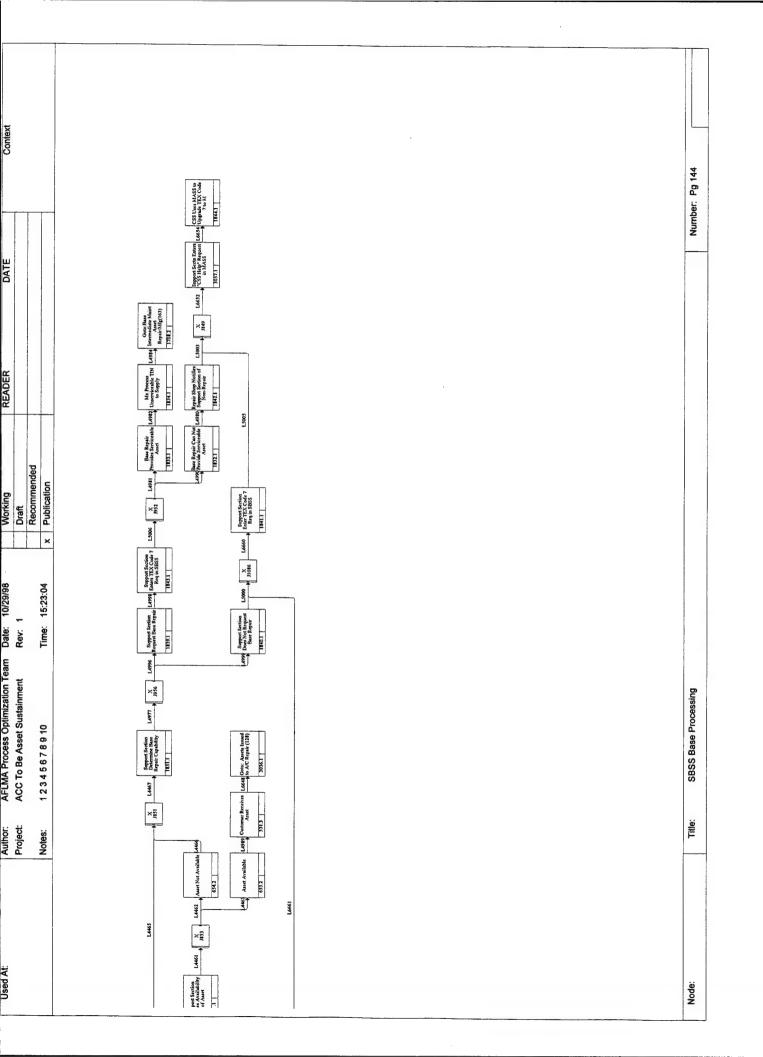
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Process Flow Decomp: Redball Repair Process

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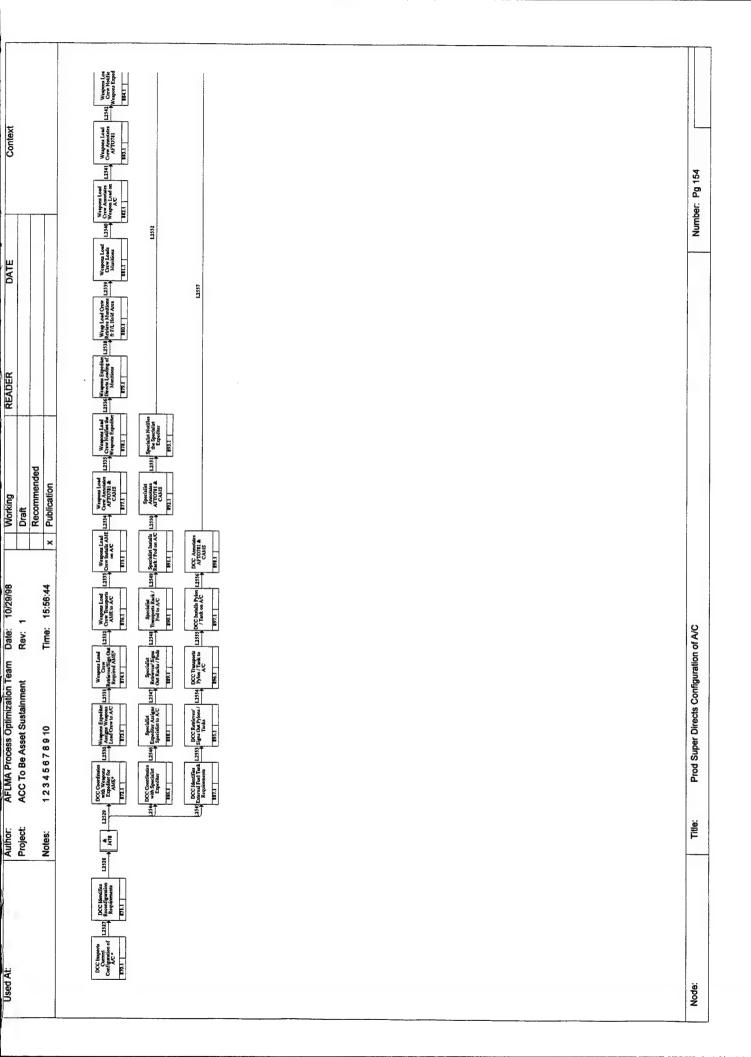
Process Flow Decomp: Base Fuels Accounting

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Process Flow Decomp: Dedicated Crew Chief (DCC) Performs Pre-Flight

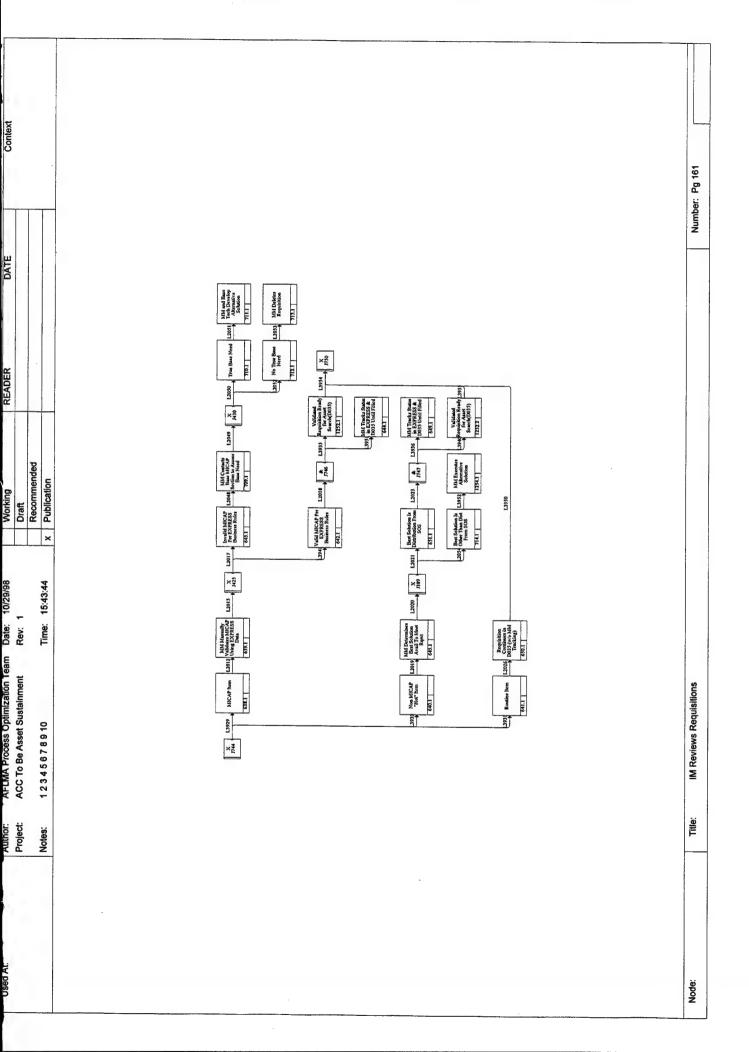
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Process Flow Decomp: IM Reviews Requisitions



Process Flow Decomp: Receive Requisition

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Process Flow Decomp: Serviceable Asset Post Repair Processing

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Process Flow Decomp: DLA Pulls Unserviceable Asset or Parts Fr Storage

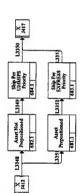
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Process Flow Decomp: Unserviceable Asset Preparation & Movmnt to Repair

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Process Flow Decomp: Serviceable Asset Distribution Prioritization

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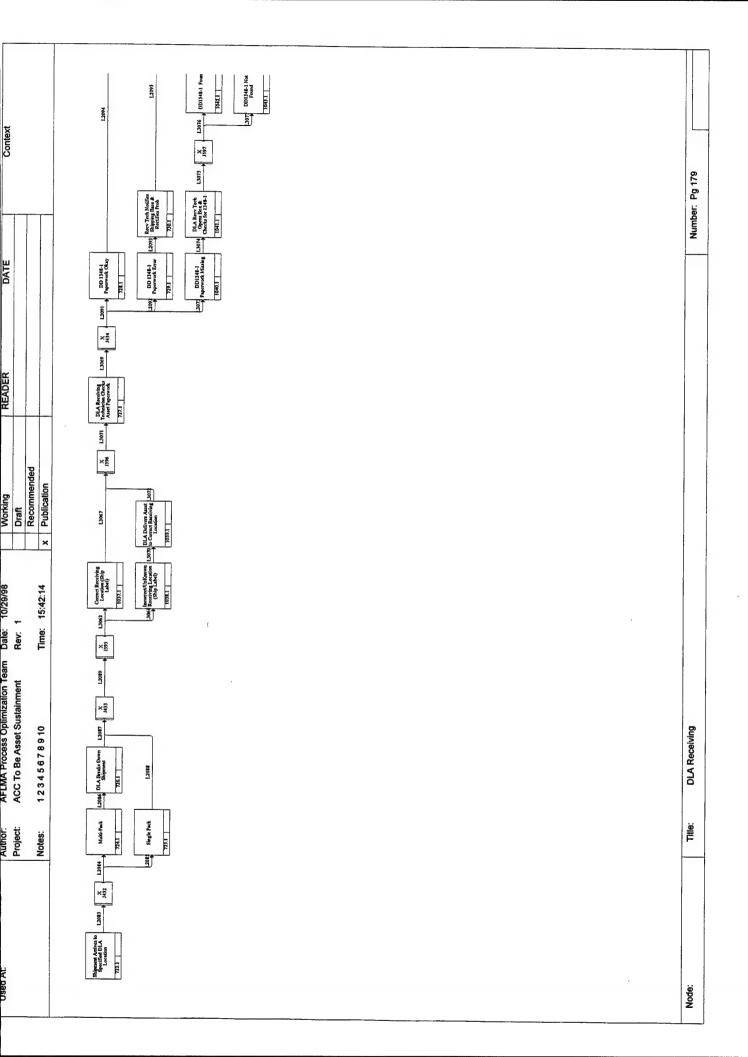
Process Flow Decomp: DLA Ships Asset

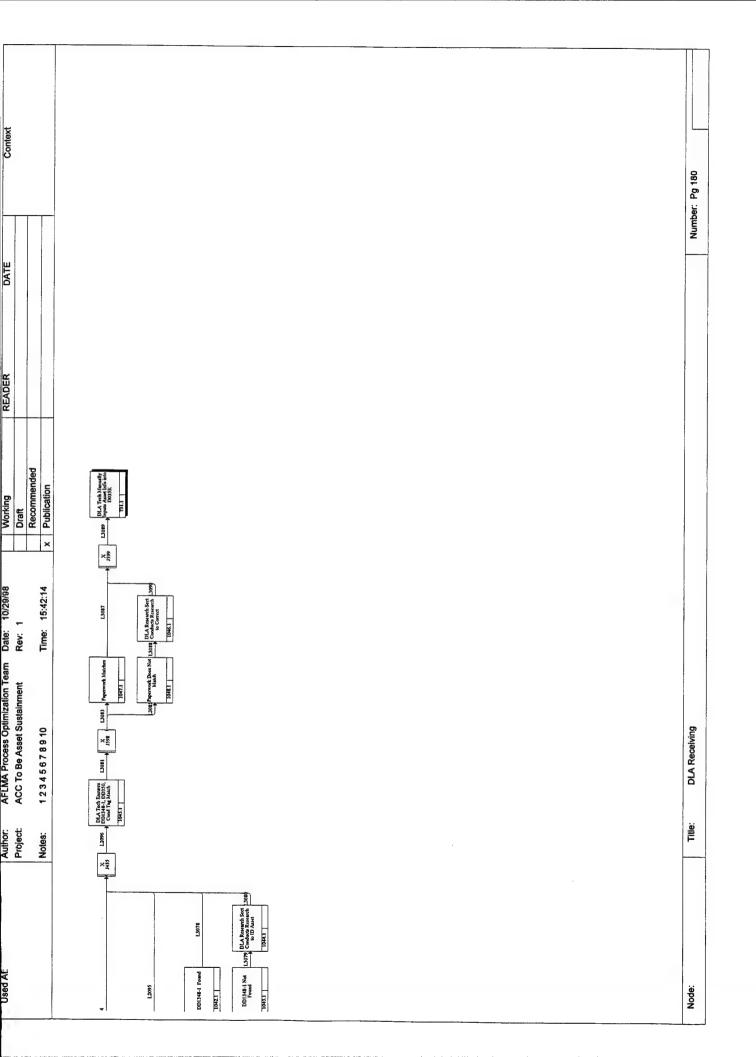
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Process Flow Decomp: Consumable Requisition & Demand Processing

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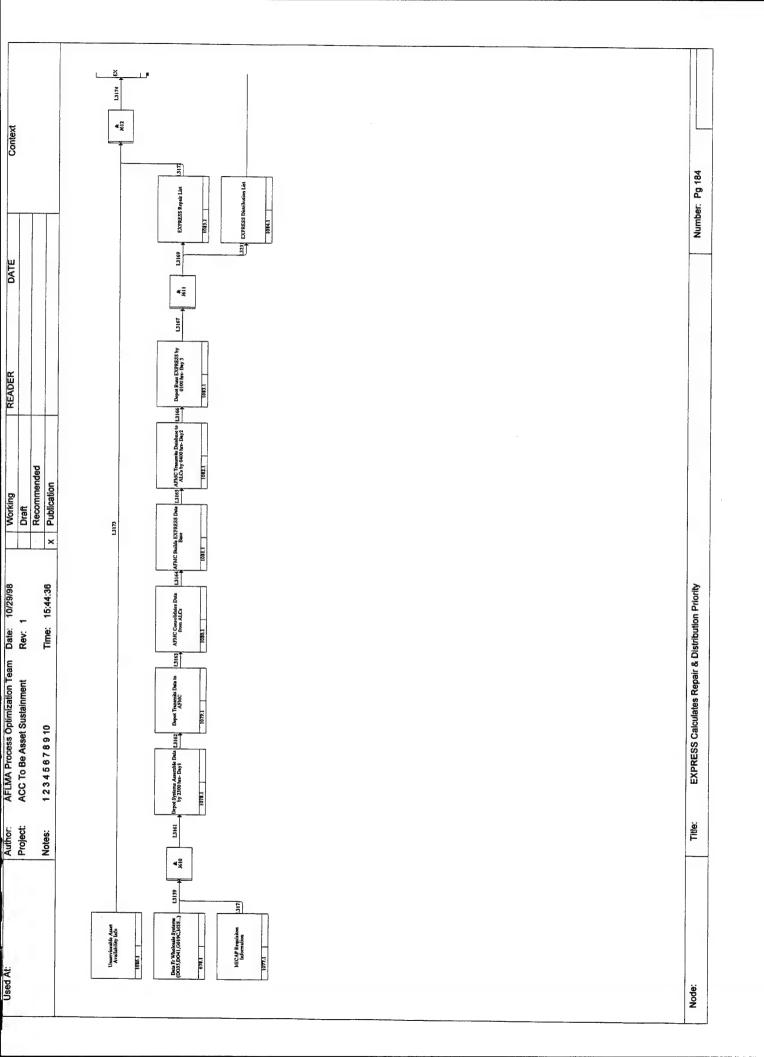


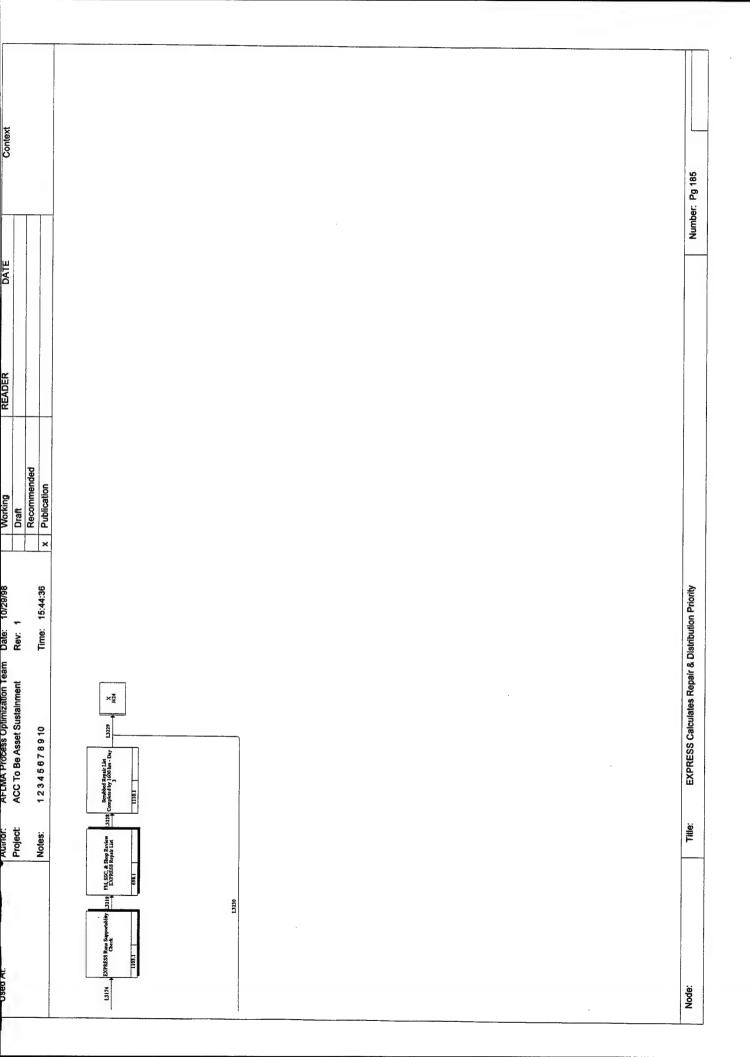


Process Flow Decomp: DLA Pulls Serviceable Asset From Storage

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Process Flow Decomp: EXPRESS Calculates Repair & Distribution Priority



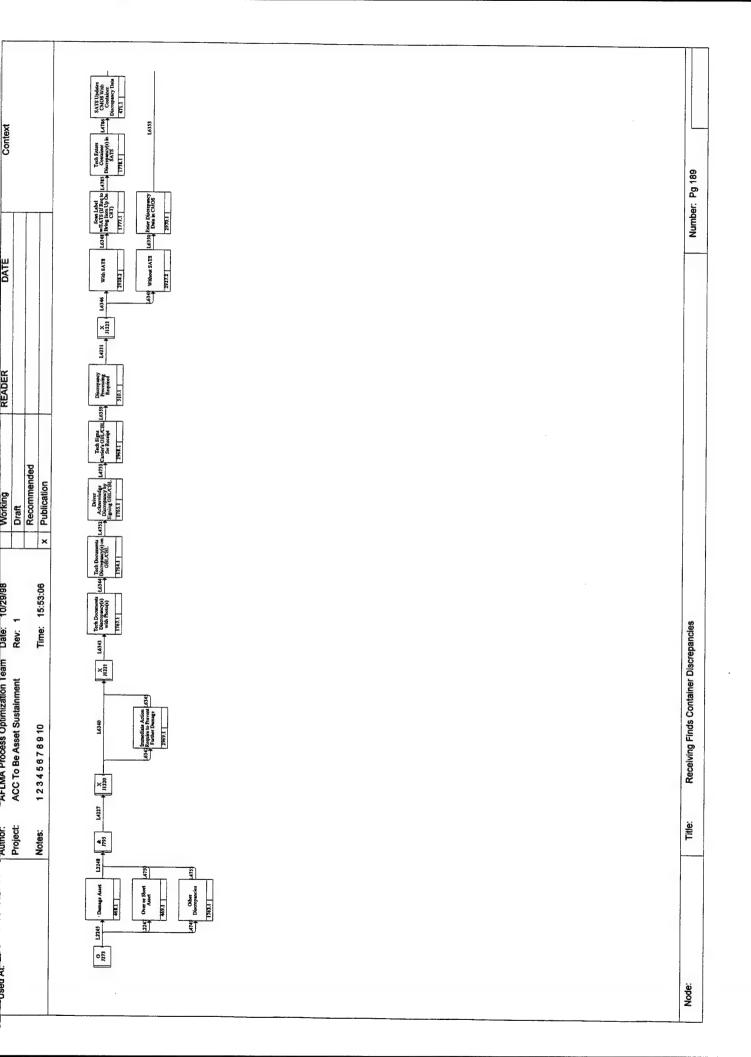


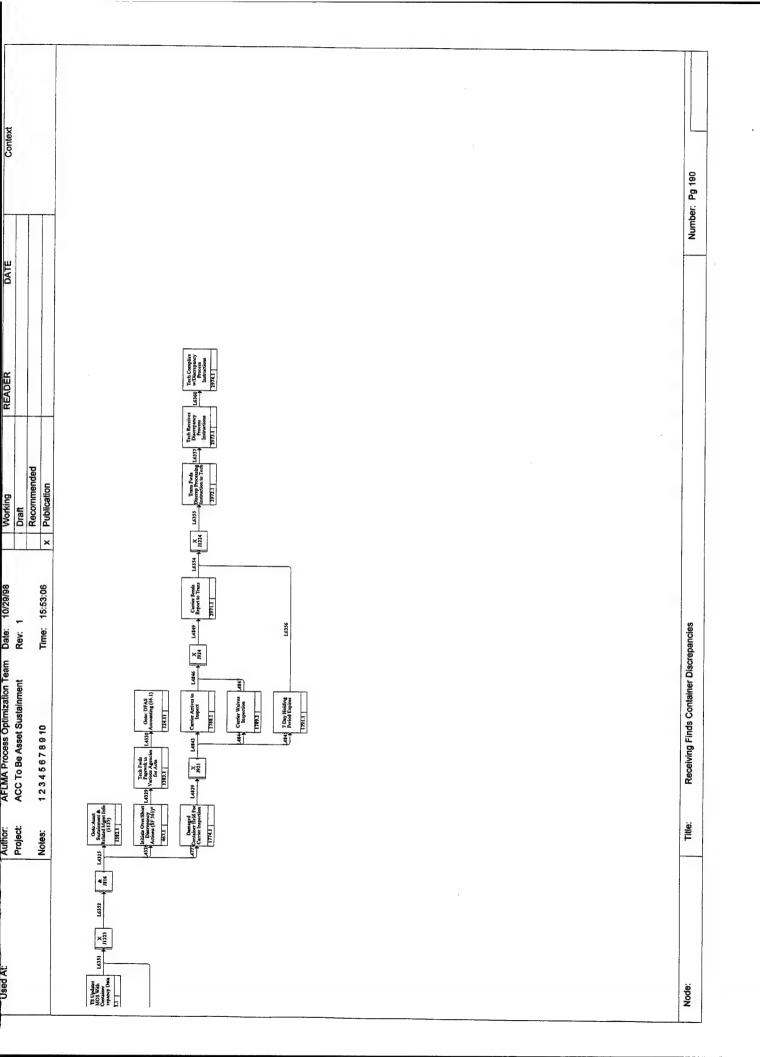
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Process Flow Decomp: Disposal

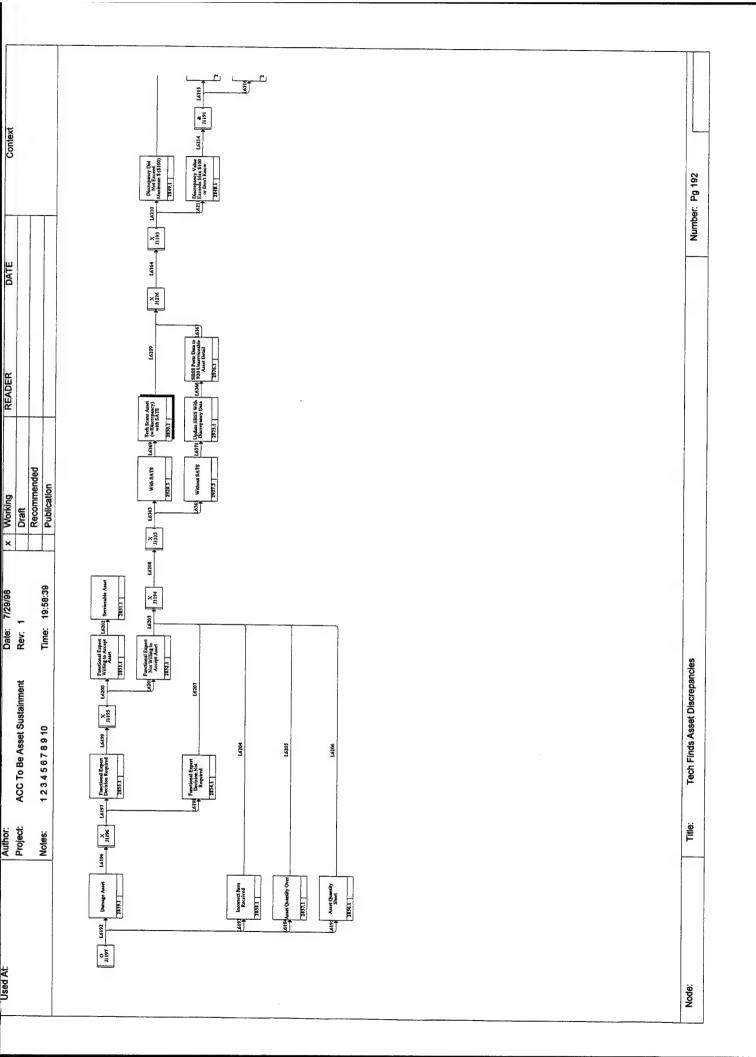
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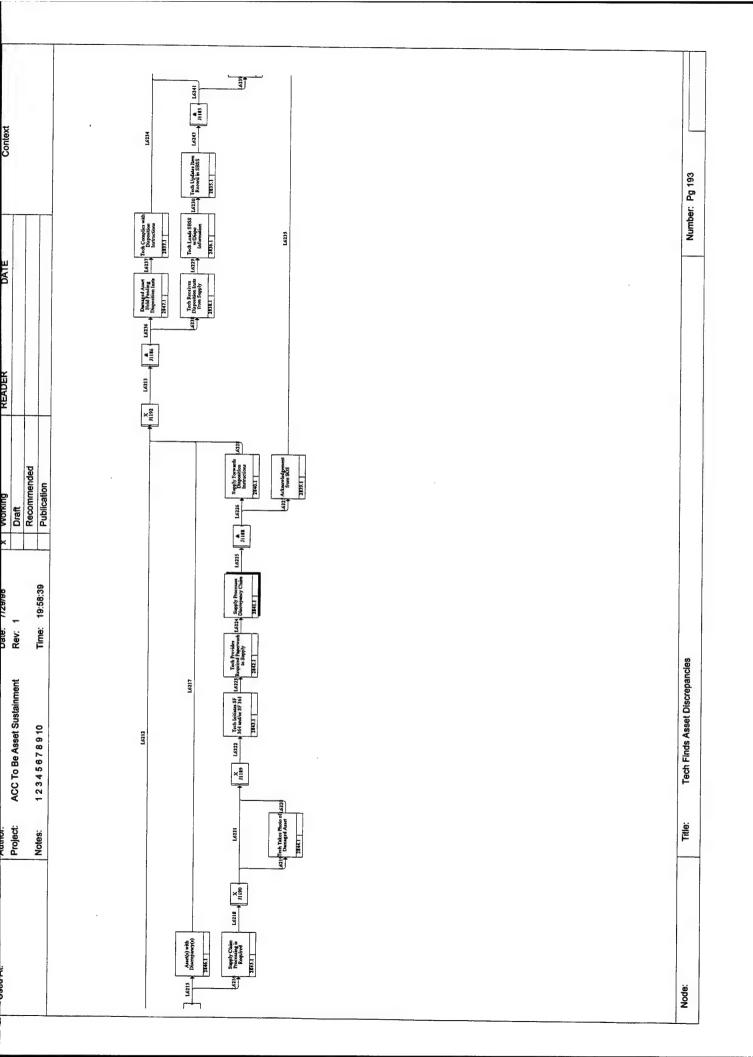
Process Flow Decomp: Receiving Finds Container Discrepancies

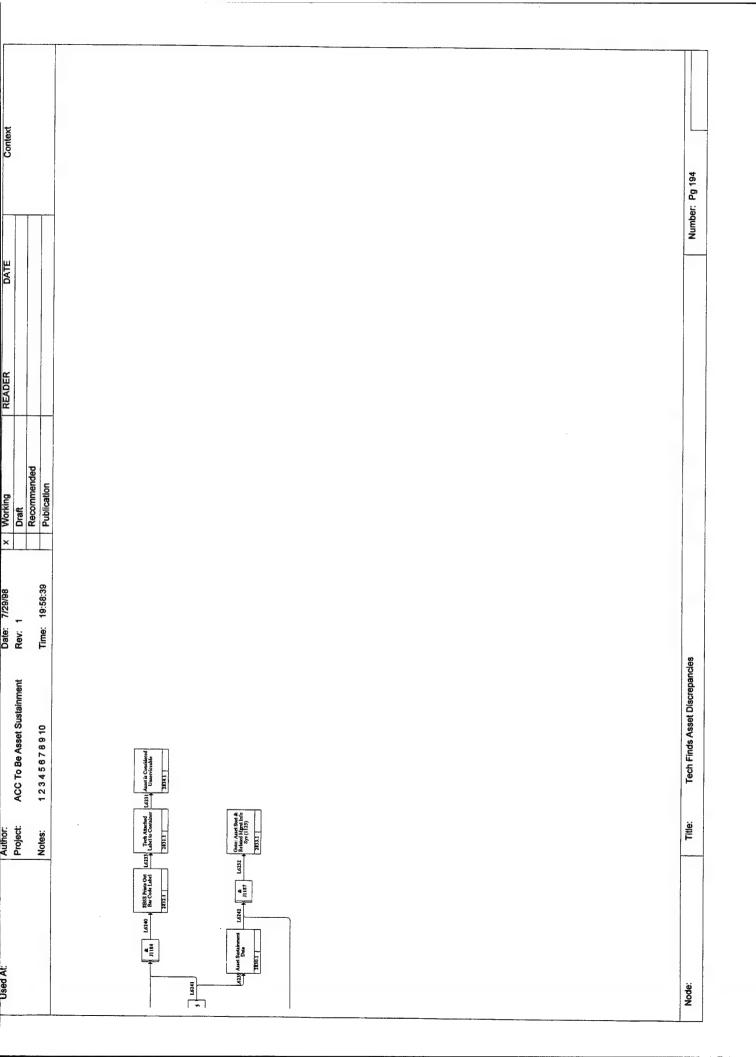




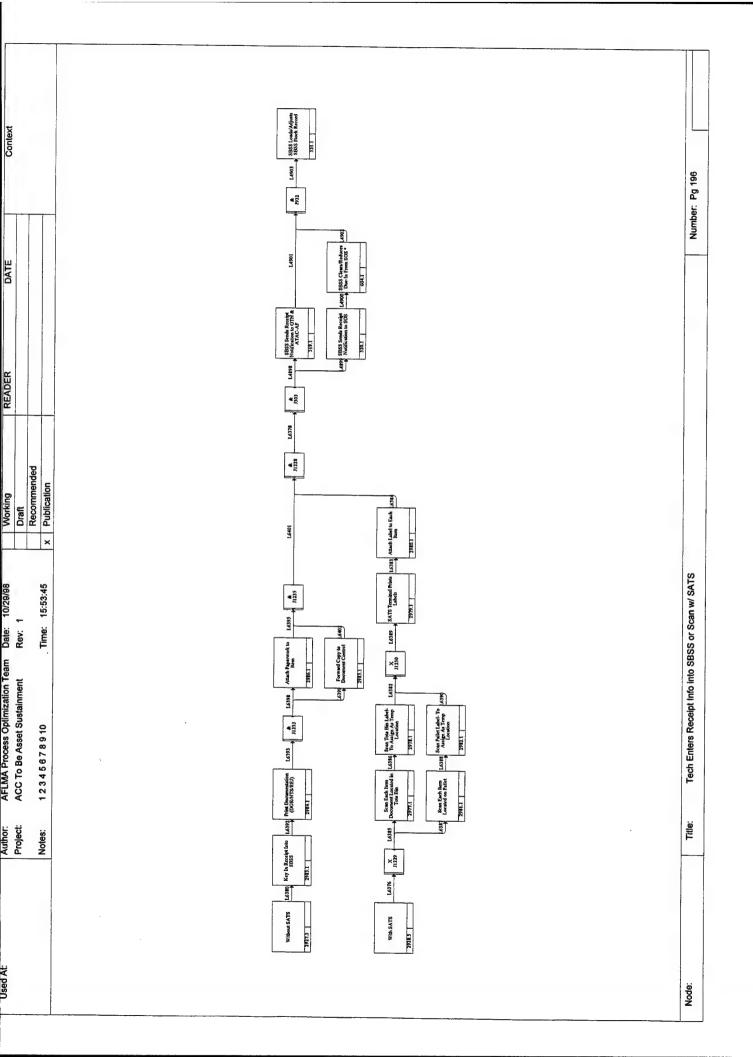
Process Flow Decomp: Tech Finds Asset Discrepancies







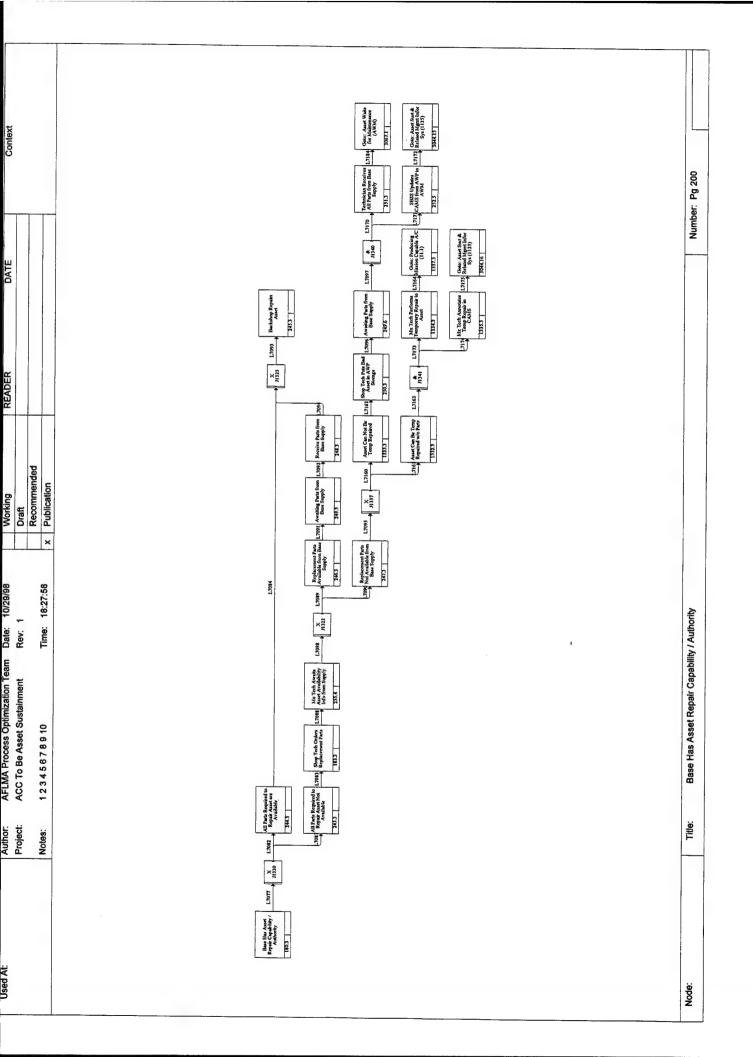
Process Flow Decomp: Tech Enters Receipt Info into SBSS or Scan w/ SATS



Process Flow Decomp: Prod Super Turn Decisions

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Process Flow Decomp: Base Has Asset Repair Capability / Authority

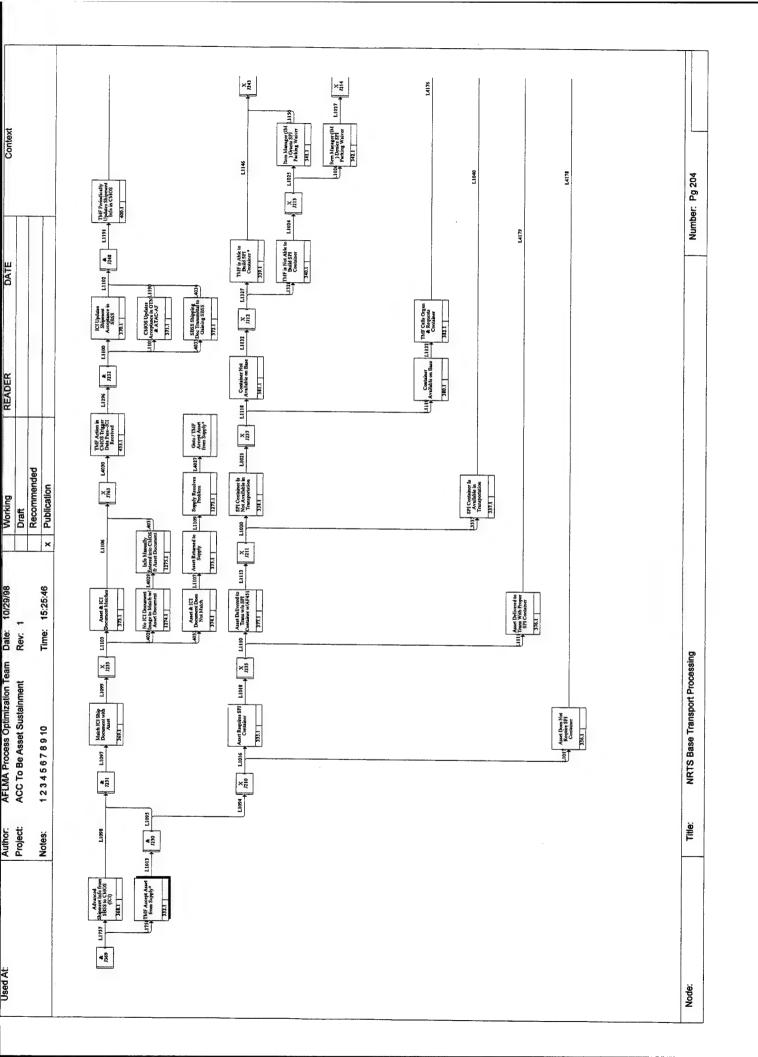


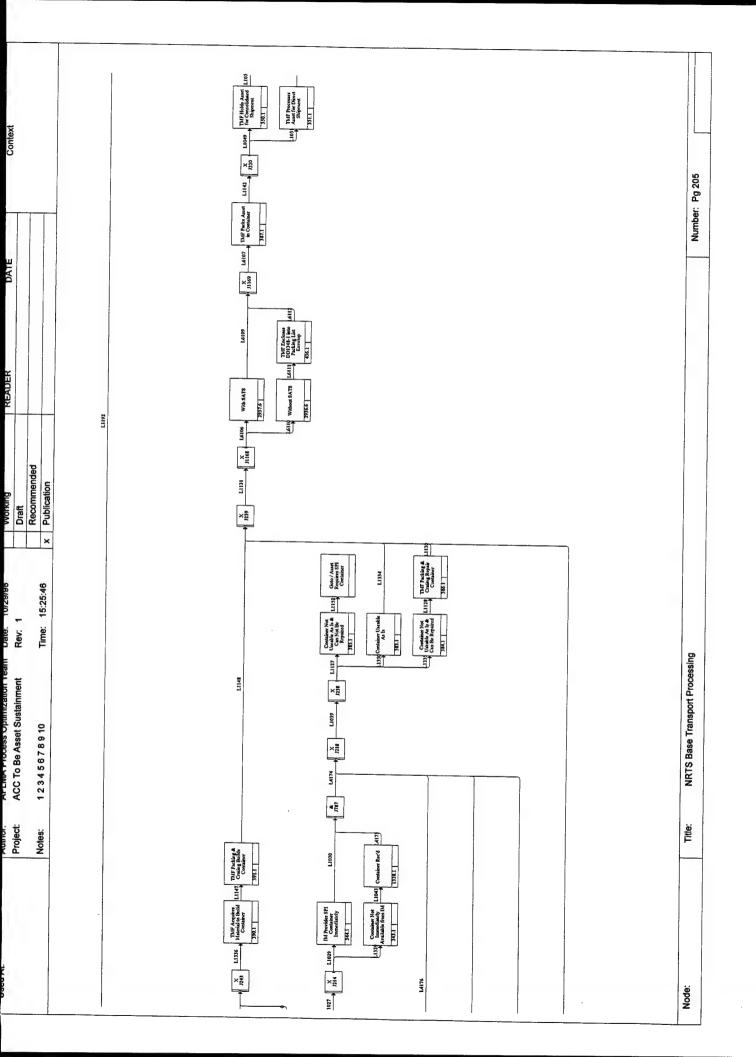
Process Flow Decomp: Base Has No Asset Repair Capability / Authority

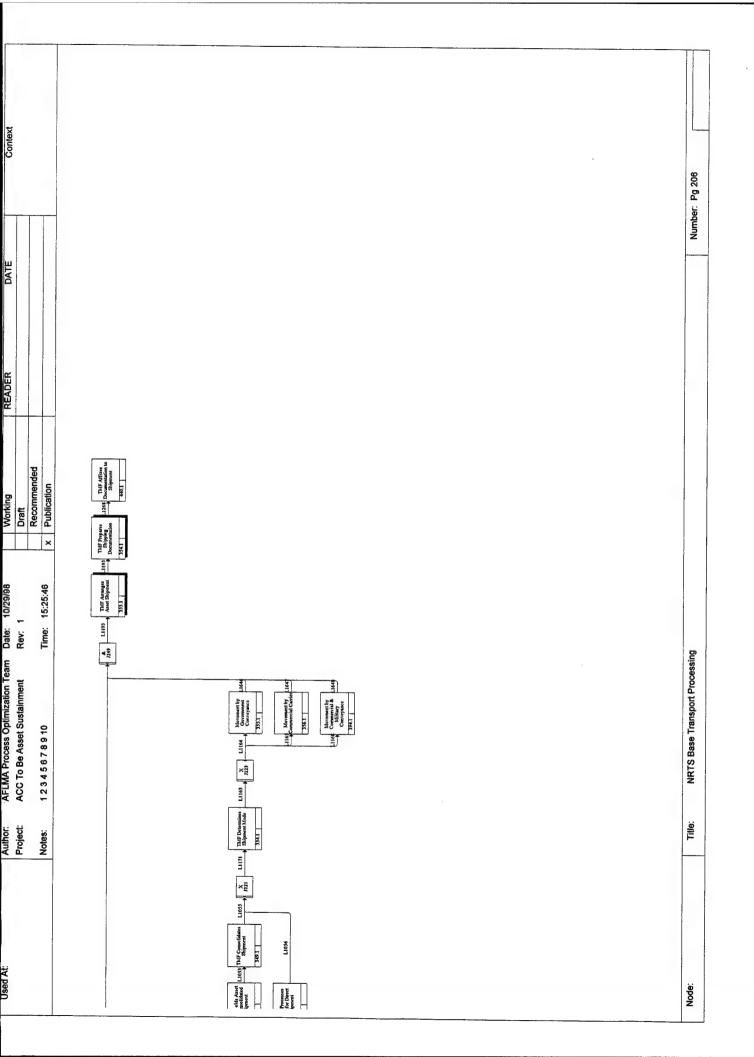
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Process Flow Decomp: NRTS Base Transport Processing







Process Flow Decomp: IMPAC Card Direct Purchase

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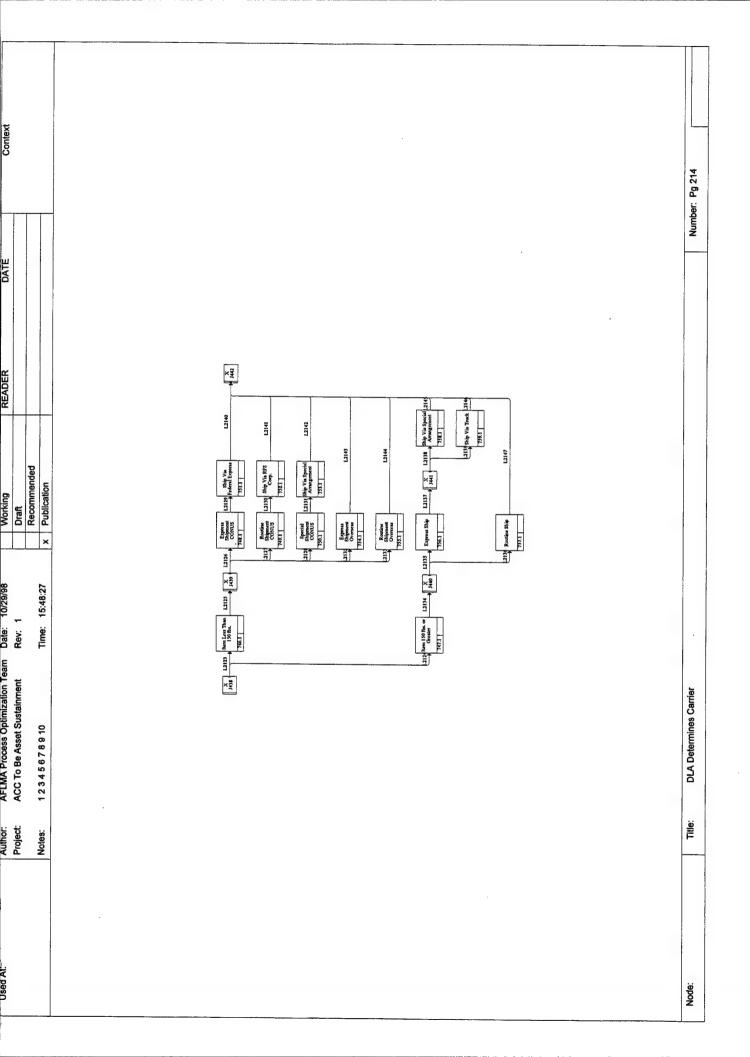
Process Flow Decomp: D035A Audits Requisition for Data Field Accuracy.

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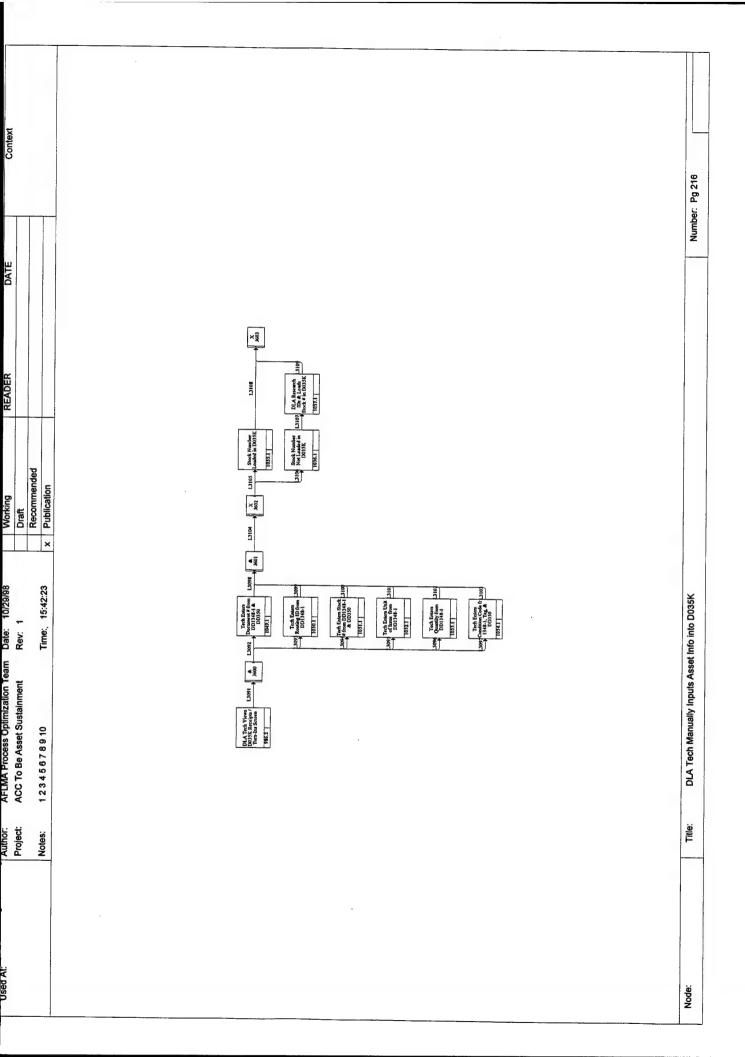
Process Flow Decomp: DLA Prepares Asset For Storage or Shipping

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Process Flow Decomp: DLA Determines Carrier



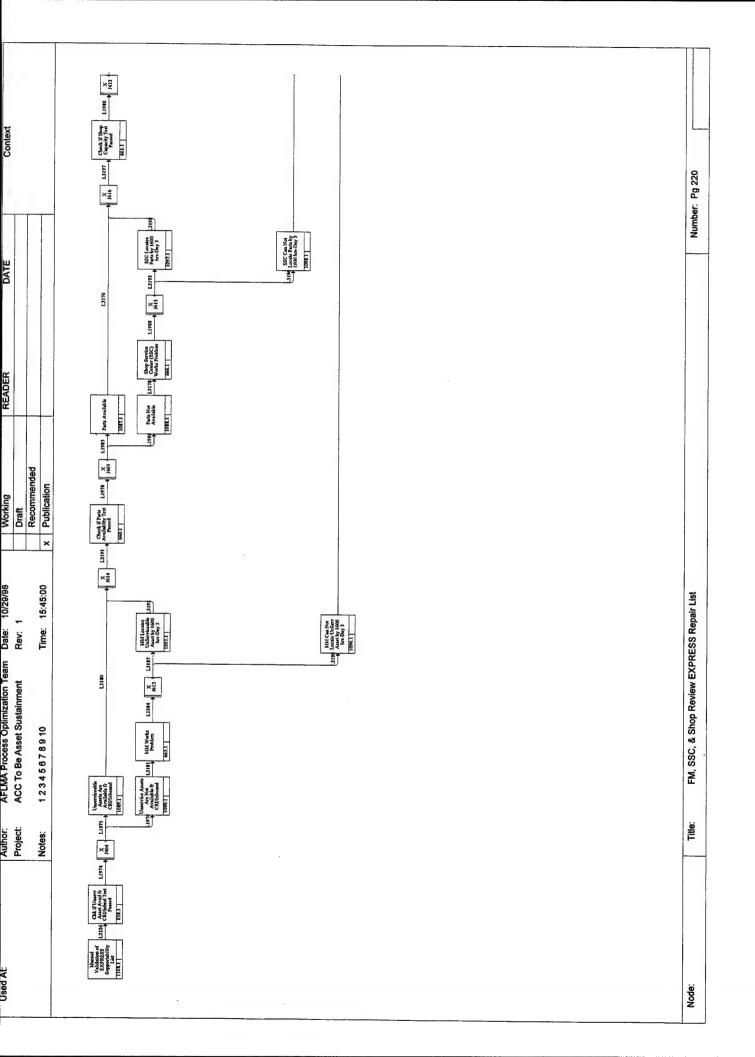
Process Flow Decomp: DLA Tech Manually Inputs Asset Info into D035K

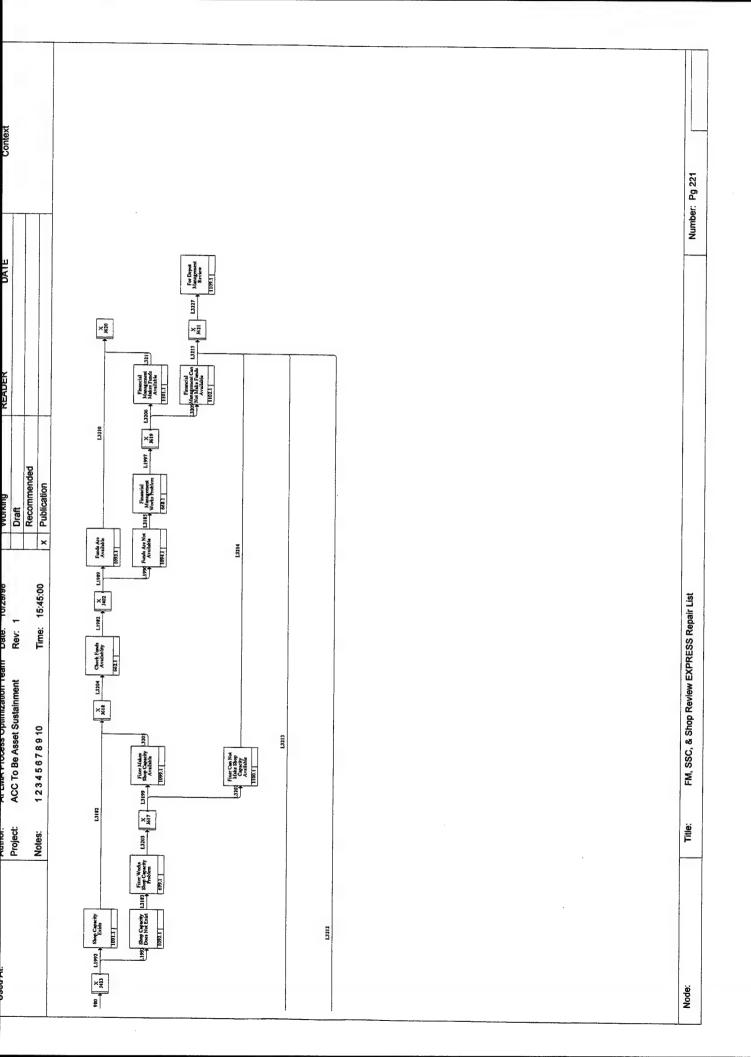


Process Flow Decomp: EXPRESS Runs Supportablity Check

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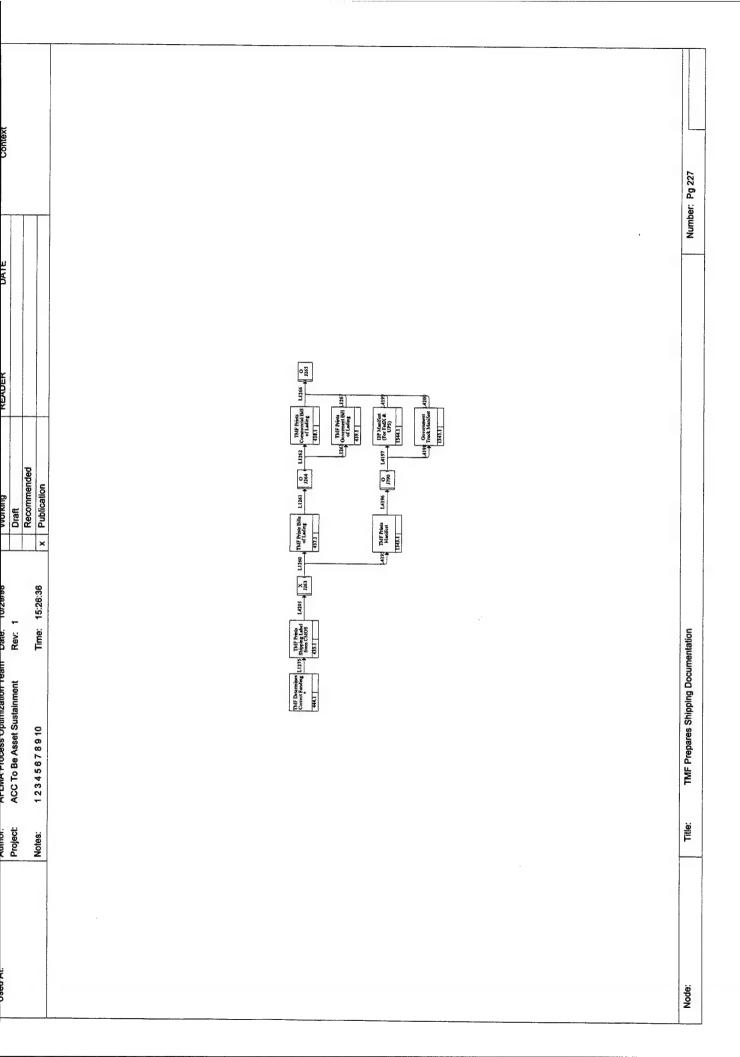
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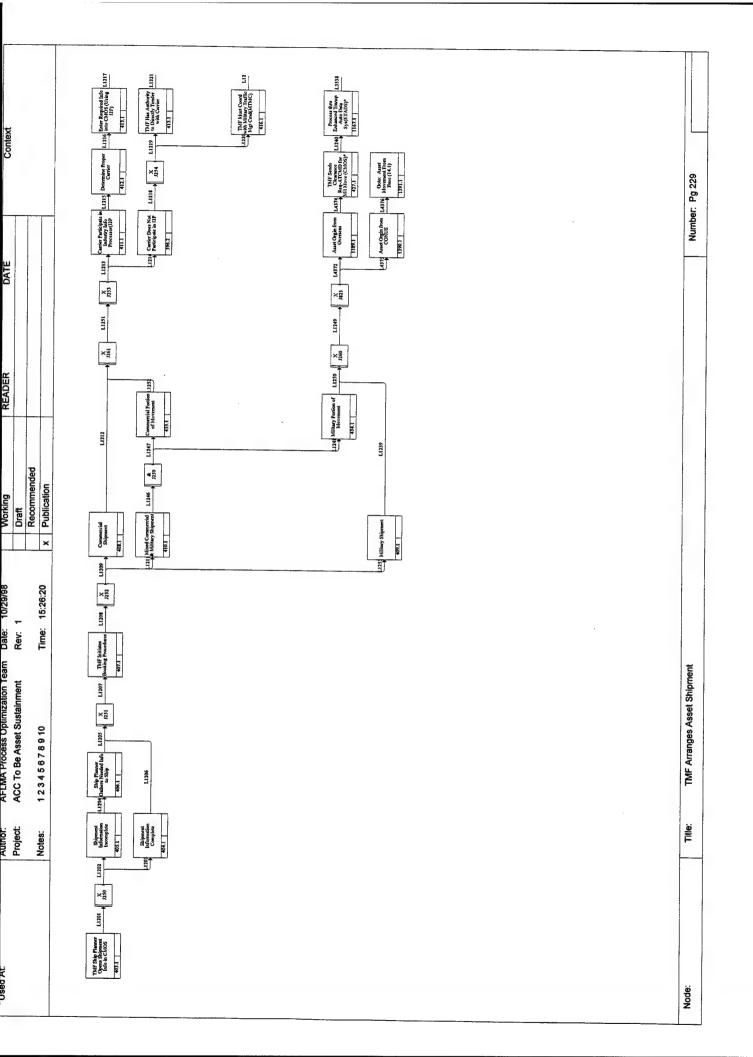
Process Flow Decomp: Tech Scans Asset (w/Discrepancy) with SATS

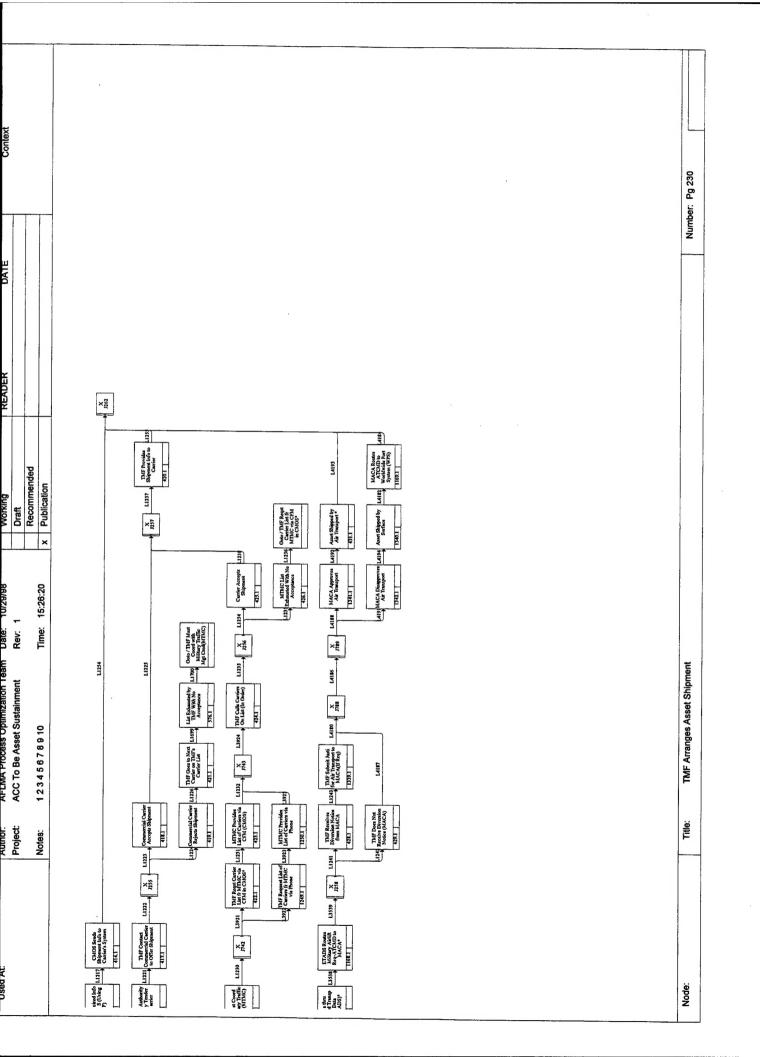
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Process Flow Decomp: TMF Prepares Shipping Documentation



Process Flow Decomp: TMF Arranges Asset Shipment





Process Flow Decomp: TMF Accept Asset from Supply\*

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## REPORT DOCUMENTATION PAGE

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